

IDW BULLSEYE  
OCTOBER 9, 2024

<sup>n a s s a u</sup>  
BOCES

# AGENDA

- **New Navigation (Tammy Mazza)**
- **Trends Longitudinal (Barbara Dwyer)**
- **NYSESLAT Snapshot (Dr. Wanda Toledo)**
- **New Generation of Gap/WASA Visual (Fred Cohen)**
- **Comprehensive iReport for Graduation Rates (Fred Cohen)**
- **Census Dashboard (Jeff Davis & Austin Quinn)**
- **Third-Party Report Updates \***
- **Data Wise Course Promo (Stephanie Witt)**





# 2024-2025 UPDATED IDW NAVIGATION

Our URL remains unchanged: [idw.nasboces.org](http://idw.nasboces.org)



## NASSAU BOCES INSTRUCTIONAL DATA WAREHOUSE

### IDW Rules of Use

These services are provided to authorized users only. Presentations, reports and datasets on this site are the property of Nassau BOCES and may not be reproduced, shared, or included in third-party reports without the express permission of Nassau BOCES.

This information is subject to stringent privacy restrictions and requires written permission from the subjects owners to be used for any purpose other than to facilitate enhancement of educational performance.

Entering the site by making an authorized connection to the database requires that you accept these restrictions and commit to their adherence.

Click the button below to the Microsoft Login prompt.

Using the example, replace "user" with your current user ID and add "@nb-dw.org" Your old password remains unchanged. For assistance logging in, or password changes, contact your district account manager.

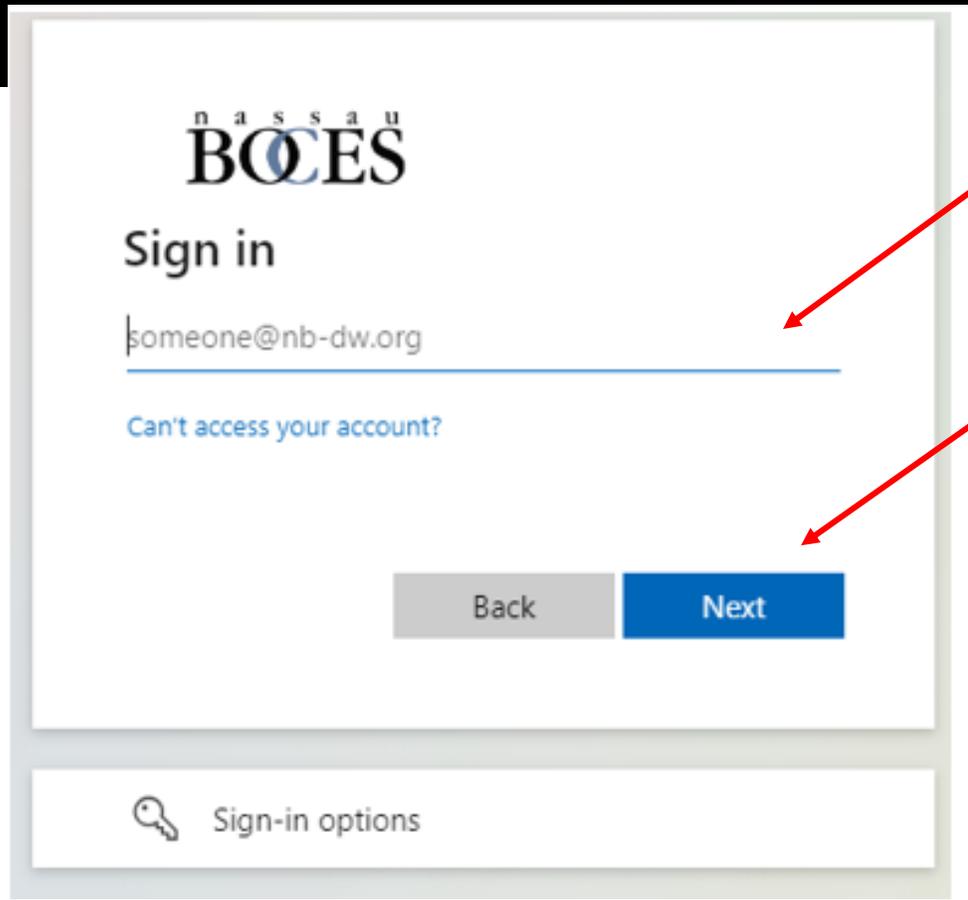
[Microsoft login to IDW \(user@nb-dw.org\)](#)

[Nassau BOCES Home](#)

[Troubleshoot Login Problems](#)

However, our login procedures have added a new layer of security.

# Log On Screen



Enter your old user-name (typically first initial and last name) followed by "@nb-dw.org"

Click "Next" and when prompted, enter your old password.





# n a s s a u BOCES Instructional Data Warehouse

Please note, by accessing this system and reports, you are acknowledging that you have read, understood, and will comply with the following statement.

I acknowledge that it is my responsibility with access to PII, private or confidential information to do the following:

- I will take all reasonable precautions to prevent unauthorized access to passwords, user identifications, or other information that may be used to access the Student Information Repository System (SIRS) Level 2 Reporting Environment (L2RPT) or Level 1 Reporting Environment systems and reports.
- I will not access any restricted information if such access is not required to perform my job.
- I will not disclose any information I access to those not authorized to receive it.
- I will use all reasonable efforts to protect confidential information from unauthorized or unlawful disclosure.
- I will seek guidance from my Superintendent, CEO, District Data Coordinator or my Regional Information Center whenever I am unsure of the correct decision regarding use, confidentiality, or access, and will do so BEFORE I take any action to release potentially sensitive information.
- I will not attempt to access, alter, change, modify, add, or delete from any record, report, or information system including audit trails and logs outside of the scope of my job responsibilities.
- I will not attempt to access, alter, change, modify, add, or delete from any record, report, or information system including audit trails and logs outside of the scope of my job responsibilities.
- I will immediately report any incidents of personal non-compliance or the non-compliance of colleagues with the terms of this standard to my District Data Coordinator, Superintendent or CEO.

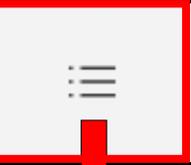
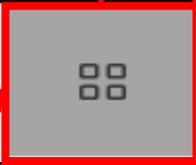
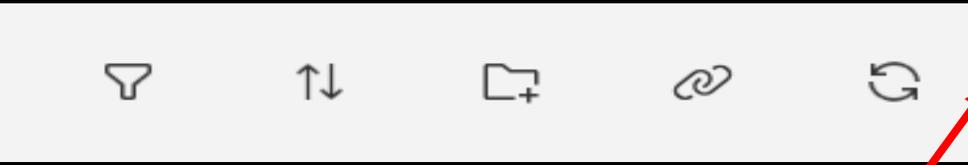
**The NYSED will not tolerate illegal, dishonest, improper, or irresponsible use of privileged access to information to which users may have been granted. Failure to do so will result in loss of access privileges and may result in further administrative action.**

**Tile view**

**List view**

**Start Here**

**Team Content**



<p>_Grade 3-8 Quick Reference Guides</p> <p>Last Accessed 8/10/2023, 9:22 AM</p>	<p>_High School Quick Reference Guides</p> <p>Last Accessed 1/23/2024, 10:26 AM</p>
<p>Dashboards</p> <p>Last Accessed 9/7/2023, 2:25 PM</p>	<p><b>Reports</b></p> <p>Last Accessed 4/6/2022, 10:41 AM</p>
<p>School Counselor Reports</p> <p>Last Accessed 4/29/2021, 10:17 AM</p>	<p>Teacher Interface</p> <p>Last Accessed 10/24/2023, 10:01 AM</p>

- Name
- College Tracking
- Common Data Views
- District Comparison Reports
- iReady Reports
- Misc
- Performance Level Comparison Reports
- Preliminary Regents Reports
- State Reporting
- 2021 NYS and Regents Aggregated Question Performance
- Advanced Placement Download - Level 0 Extract
- Advanced Placement Summary Charts
- Advanced Placement Summary Table
- Annual Student Assessment Summary Download

**Default View (Tiles)**

**Holds the user's saved reports**

- District A ELA Gap Reports  
Last Accessed 7/17/2024, 2:50 PM
- District A Math Gap Reports  
Last Accessed 7/17/2024, 2:50 PM
- District B ELA Gap Reports  
Last Accessed 7/25/2024, 2:14 PM
- District B Math Gap Reports  
Last Accessed 7/25/2024, 2:14 PM
- District C ELA Gap Reports  
Last Accessed 7/25/2024, 2:15 PM



# Saving Reports

Within a report, click on the down arrow next to the disk icon and select "Save report as report view." It will save to *My Content*



**Save as report view** Help ⓧ

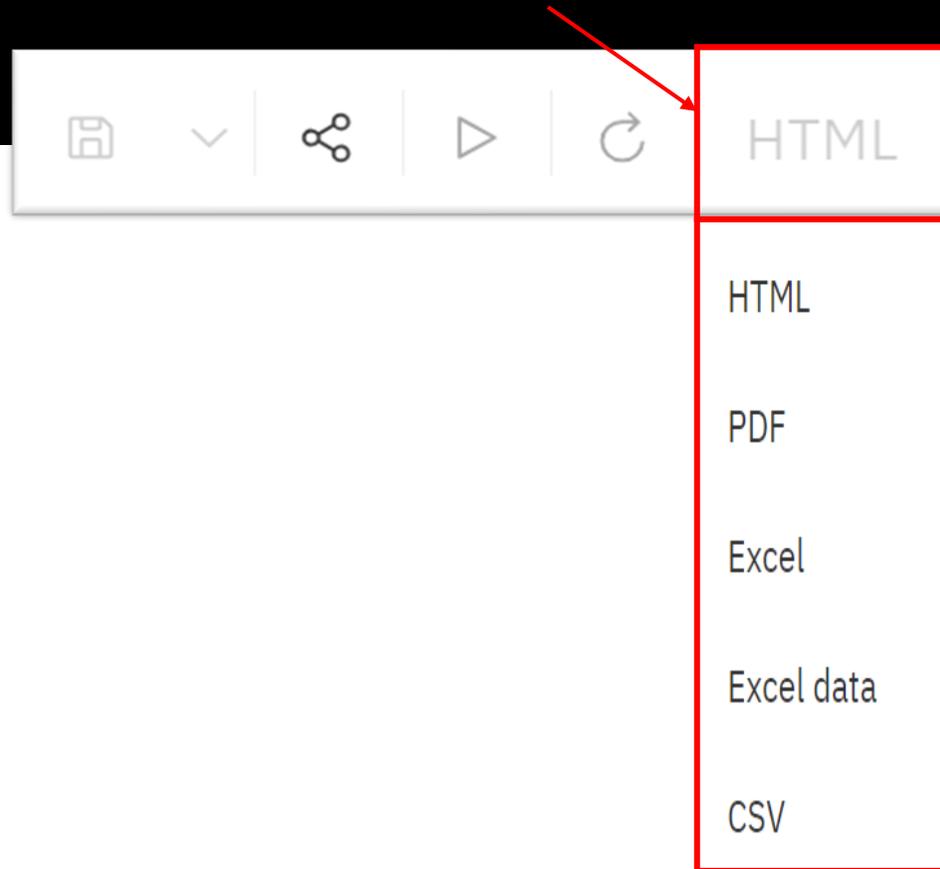
Specify a name and location for this entry. A report view shares the same report specification as the source report.

**Name:**

**Location:**  
None  
[Select another location...](#) [Select My Folders](#)

# Converting Reports

Convert reports to pdf, Excel, or CSV from the *HTML* button.





# Instructional Data Warehouse

The following links contain useful content to help users get the most out of the Nassau BOCES Instructional Data Warehouse:

[IDW Navigation Guides](#)

[IDW Newsletters](#)

[IDW Presentation Handouts](#)

[IDW User Account Management](#)

General troubleshooting questions may be directed to [idwsupport@nasboces.org](mailto:idwsupport@nasboces.org)

Have report ideas or want to schedule trainings? Please contact:

**Stephanie Witt**

**Supervisor, IDW and Test Scoring**

**516-608-6623**

[switt1@nasboces.org](mailto:switt1@nasboces.org)



[COUNTIES](#) [BOCES](#) [DISTRICTS](#) [SCHOOLS](#) [HIGHER EDUCATION](#) [DOWNLOADS](#)

The New York State Education Department (NYSED) is committed to making data available and easy to use. This site provides a first step in publicly reporting educational data so all interested parties can be better informed as they work to advance student achievement.

### SEARCH FOR SPECIFIC INSTITUTIONS HERE

Search for specific schools, districts, colleges, universities, counties, or BOCES

## NY STATE DATA

**2022-23** 2021-22 Archive

### STUDENT DATA

[Enrollment Data](#)

[English Language Learners Data](#)

[Digital Resources](#)

### SCHOOL DATA

[School Report Card](#)

[High School Graduation Rate](#)

[High School Graduation Pathways Data](#)

[Student and Educator Report](#)

[AP & IB Report](#)

### HIGHER EDUCATION

[Enrollment Data](#)

[Students with Disabilities Data](#)



<p>NYSED_AGREEMENT_REPORT</p> <p>Last Accessed 7/25/2024, 8:40 AM</p> 	<p>Gap</p> <p>Last Accessed 7/22/2024, 1:32 PM</p> 	<p>Child Assessment Profile (ChAP)</p> <p>Last Accessed 7/22/2024, 1:32 PM</p> 	<p>IDW Help</p> <p>Last Accessed 6/11/2024, 12:08 PM</p> 
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**Access to the reports that have been recently opened**

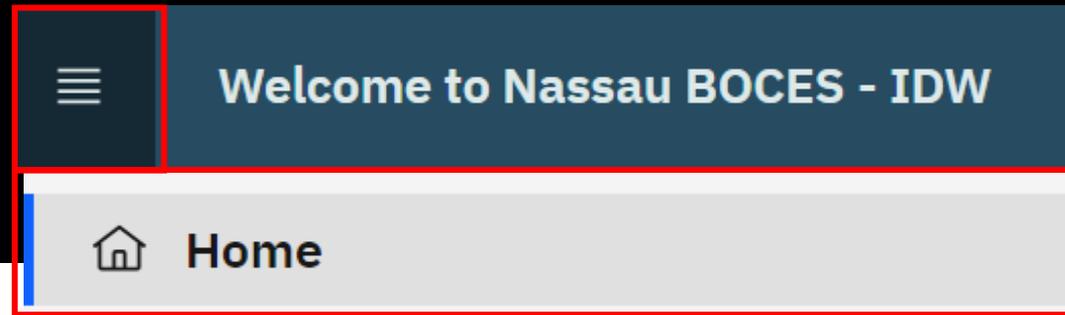
# Switcher Menu

The **Switcher** menu is used to navigate between reports the user has already opened

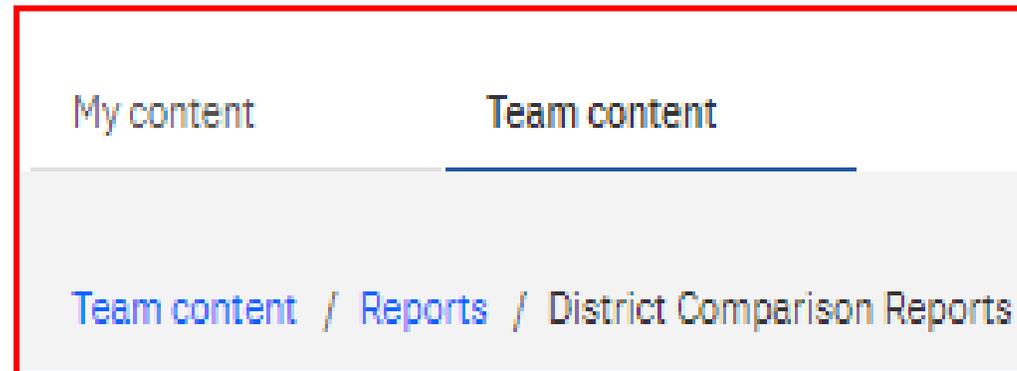
The screenshot displays the Nassau BOCES IDW interface. At the top, a navigation bar shows "Welcome to Nassau BOCES - IDW" and a "Switcher Menu" for "Content". The menu is open, listing "Content", "Snapshot", and "Gap", each with a close button (x). A red arrow points to the "Content" item in the menu. Below the menu, the "Reports" section is visible, with "My content" and "Team content" tabs. The "Team content" tab is active, showing a list of reports. Each report card includes the report title, date, and last accessed time, along with a small icon representing the report type.

Report Title	Date	Last Accessed
Constructed Response Analysis	2022-5-13 bjm MH-05/19/2020	1/21/2024, 8:32 AM
Constructed Response Point Distribution - ELA and Math	2022-6-10 bjm	1/10/2024, 2:25 PM
Gap	2023-10-05 JD 2022-9-30 bjm	2/22/2024, 9:17 AM
Gap: Multi-Year Standards PS - 06/09/22		12/14/2023, 11:52 AM
Gap: Multi-Year Standards by Teacher		1/4/2024, 2:02 PM
Item Response Analysis by Gender iReport	2022-6-14 bjm	10/14/2022, 10:02 AM
Math and ELA Diagnostic Assessment Mapping	230519 bjm	1/26/2024, 1:21 PM
NYS 3-8 Assessment Student Longitudinal	2022-5-17 bjm	3/7/2024, 2:09 PM
NYSESLAT Multi-Year Student Longitudinal	2024-03-20 JD 2022-5-20 -BJM	5/17/2024, 3:37 PM
NYSESLAT Percent of Students Tested by Proficie...	2022-5-20 bjm	1/9/2024, 8:39 AM
Parent Personalized Released Question	PS - 09/08/2022	1/3/2024, 12:57 PM
PSAT AP Potential By Student	2022-6-2 bjm	10/27/2022, 2:13 PM
PSAT Snapshot	2022-5-26 bjm 2020-5-8 BJM	12/14/2023, 11:38 AM
Re-Rostered Assessment Summary	5/27/22 BJM 5-08-20 JD	12/19/2023, 3:13 PM
Regents Course Grade Analysis By Subgroups	2022-5-27 bjm	1/9/2024, 9:49 AM

# How Do I Go Back?



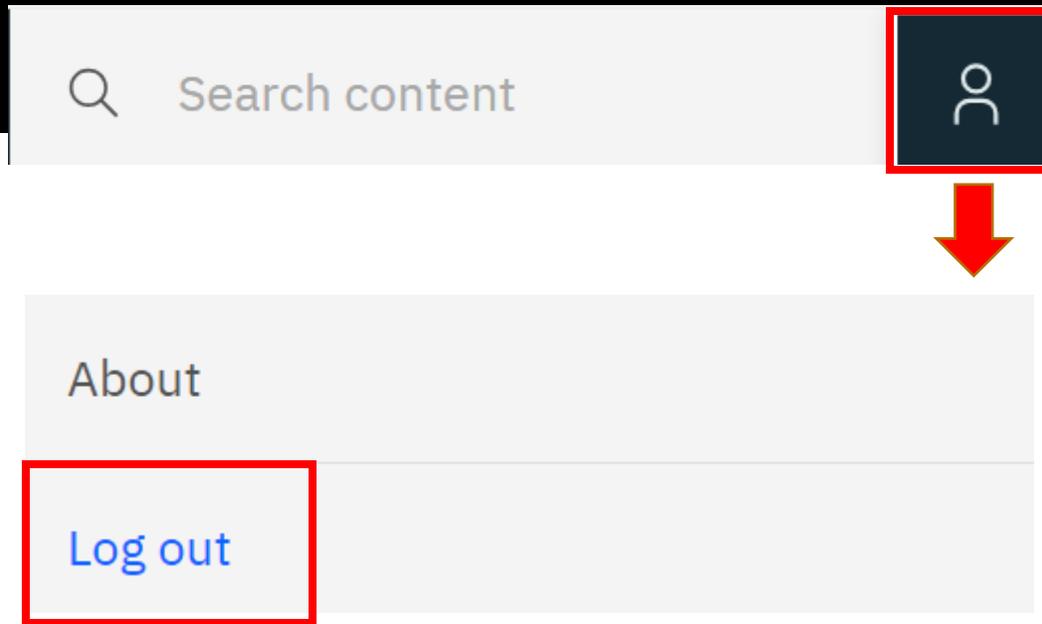
Click on the  button at the top of *the Welcome* page and select **HOME** to go back to a previous menu and reports **OR** use **breadcrumb trail** when in a content tab.



# Logging Off

Go on the person icon

then select your **nb-dw.org** account to sign out.



# TRENDS LONGITUDINAL BY COHORT

**This report gives you the ability to follow the NYS Testing performance of a specific cohort from 3<sup>rd</sup> grade to 8<sup>th</sup> grade in ELA or MATH.**

# Content



My content

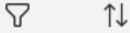
**Team content**



<input type="checkbox"/>	Name	Type
<input type="checkbox"/>	Folder Feeder School Reports	Folder
<input type="checkbox"/>	Folder Independent Non-Public Schools	Folder
<input type="checkbox"/>	Folder Reports	Folder



Team content / Reports



<input type="checkbox"/>	Name	Type
<input type="checkbox"/>	 Trends Analysis 8/21/2024 JD 240116 bjm	Report
<input type="checkbox"/>	 Trends Longitudinal by Cohort 20240614 bjm 20240611 bjm	Report



**Report Options:**

**Select Grade 3 Cohort** (required) by choosing an item on the drop-down list. This identifies the first of three Grade 3 Cohorts. Two subsequent cohort groups, the following two are included in this report.

**Select NYS Assessment Subject Area** (required) by choosing an item on the drop-down list.

**Select Building (optional)** if selected, the report renders for the selected building. By default, the report renders for the district.

Click the **Finish** button at the bottom of the screen to accept the options and run the report.

Select Grade 3 Cohort:

Jun 30, 2017

Select NYS Assessment Subject Area

ELA

Select Building (optional)

All Buildings (District)



**BY CHECKING THE BOX TO THE LEFT I ACKNOWLEDGE THE FOLLOWING:**

Certain informational data available through the Instructional Data Warehouse has been created by Nassau BOCES, including but not limited to available data sets and reports, and, therefore, contains proprietary information of the Nassau BOCES. Such informational data is for internal school district and the Nassau BOCES purposes only, and users are prohibited from disseminating and/or distributing such informational data to anyone other than school district personnel without the prior approval of the Nassau BOCES.

Cancel

Finish

# TRENDS LONGITUDINAL BY COHORT

Assessment Levels

Regional Gap Analysis

Data Tables

## Trends Longitudinal by Cohort - Assessment Levels

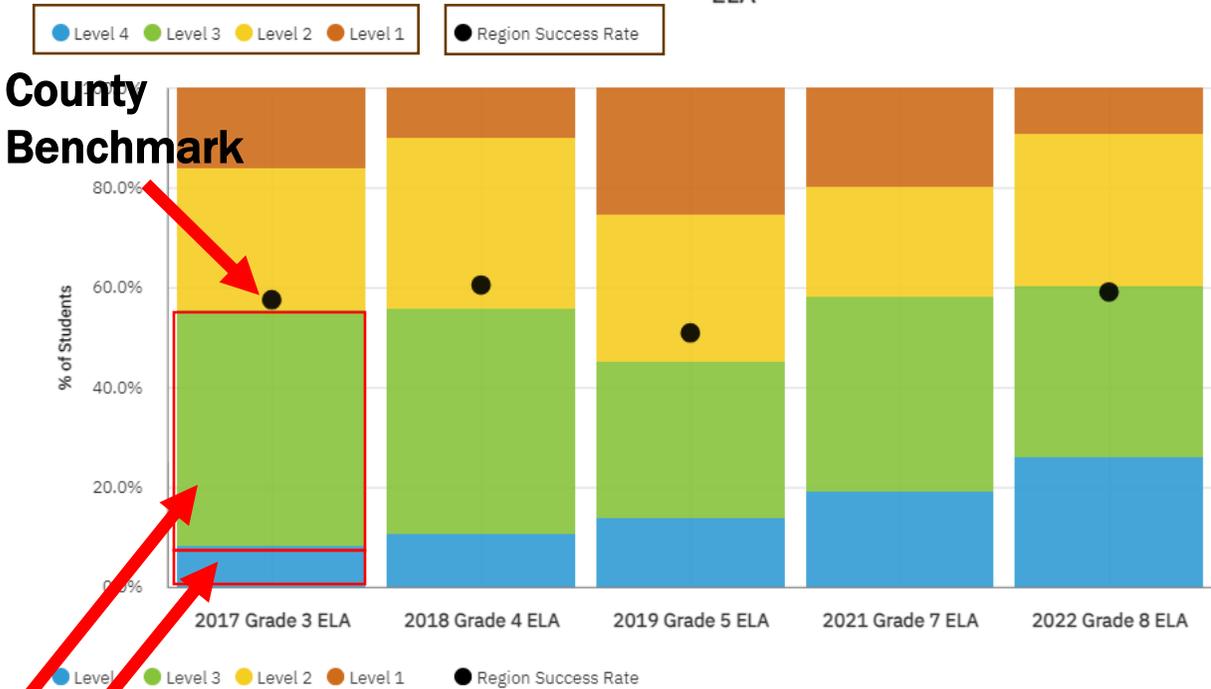
3rd Grade Cohorts: 2017, 2018, 2019

Due to testing issues related to the COVID-19 pandemic, data for 2020 are not available for districts, buildings, or the region. Regional data are not available for 2021. Please use caution when comparing data across charts, as some grades/years may be missing.

### 2017 COHORT

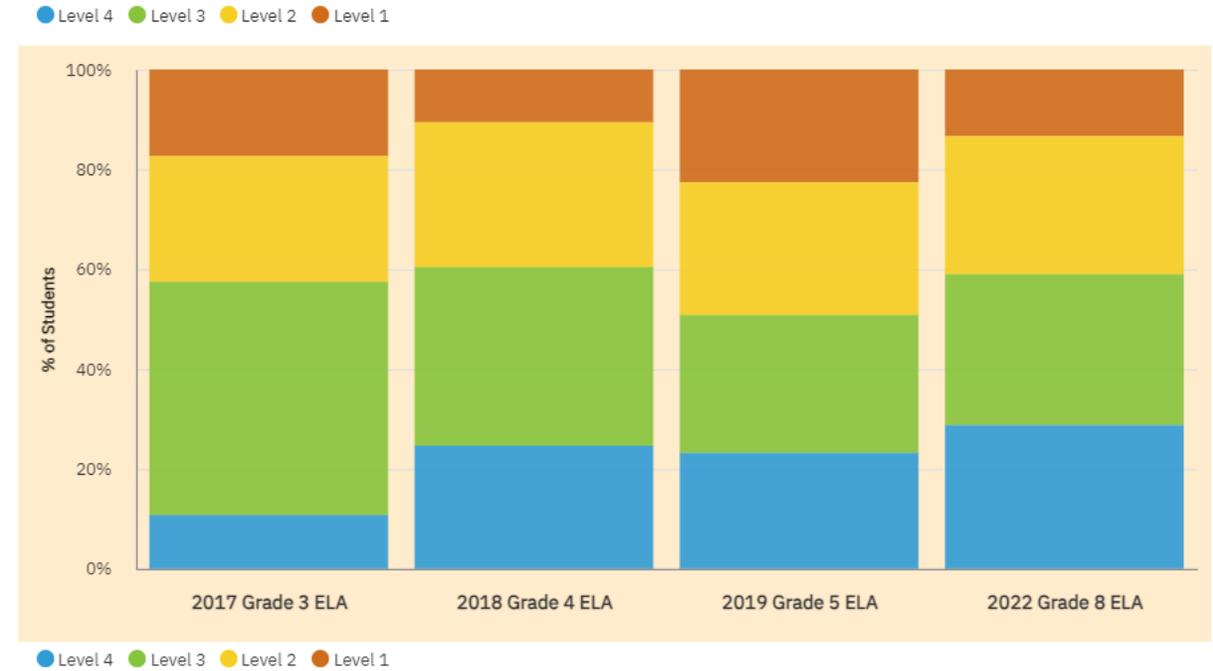
#### District ELA

#### Nassau County Region



County  
Benchmark

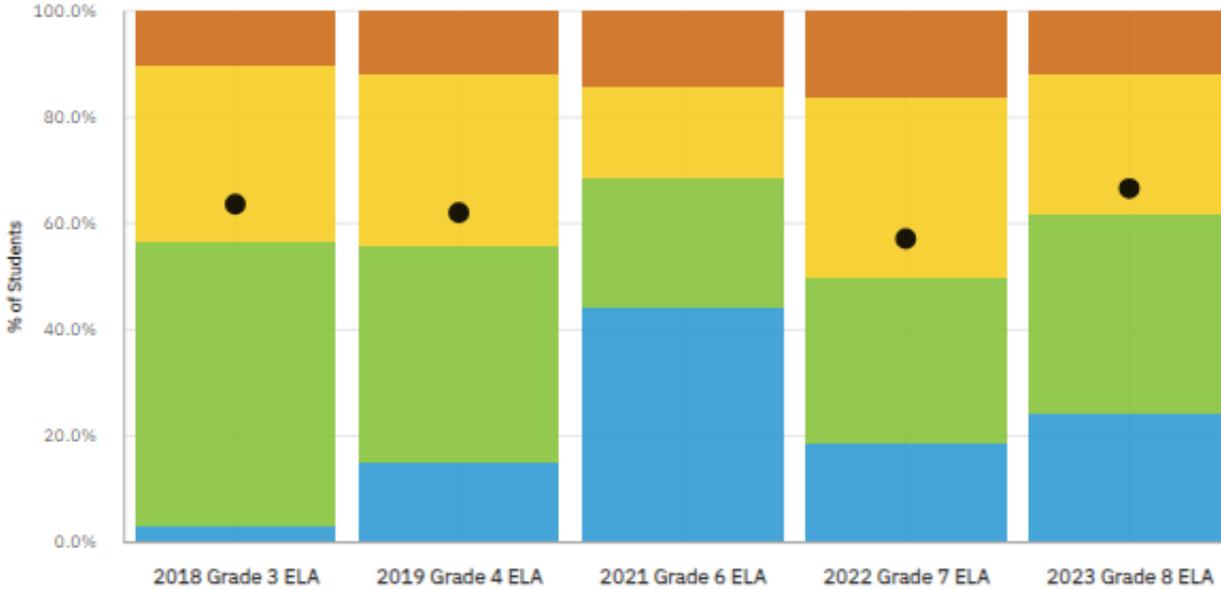
District Levels 3 & 4



# 2018 COHORT

## District

● Level 4 ● Level 3 ● Level 2 ● Level 1 ● Region Success Rate

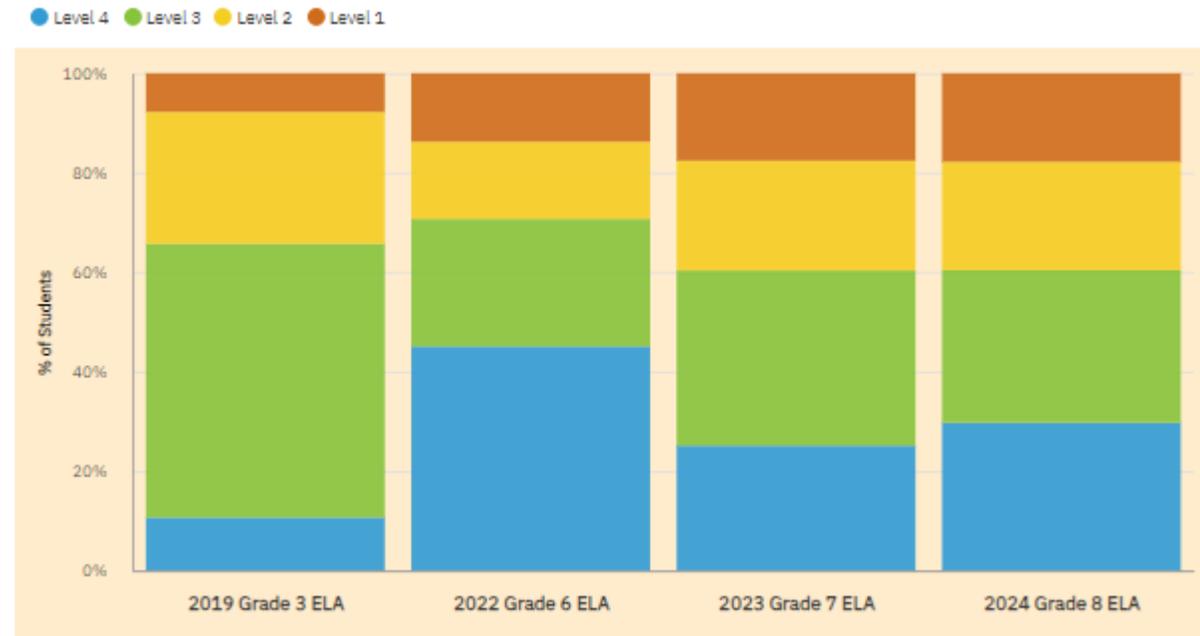
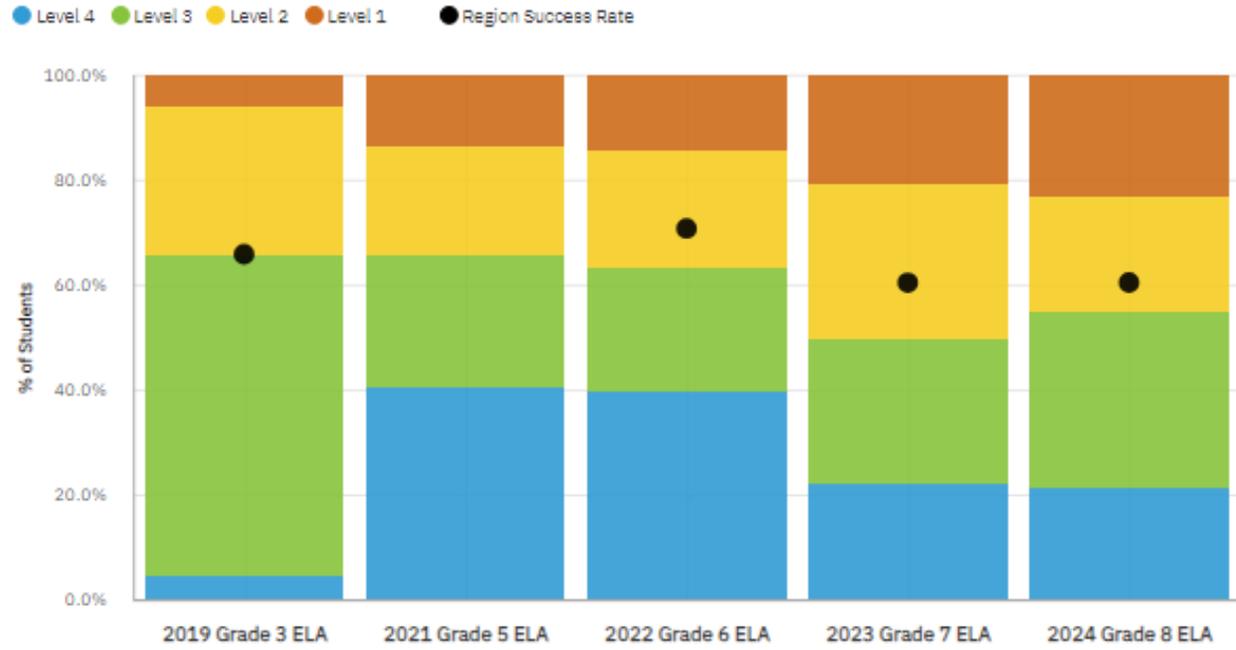


## Region - Nassau County

● Level 4 ● Level 3 ● Level 2 ● Level 1



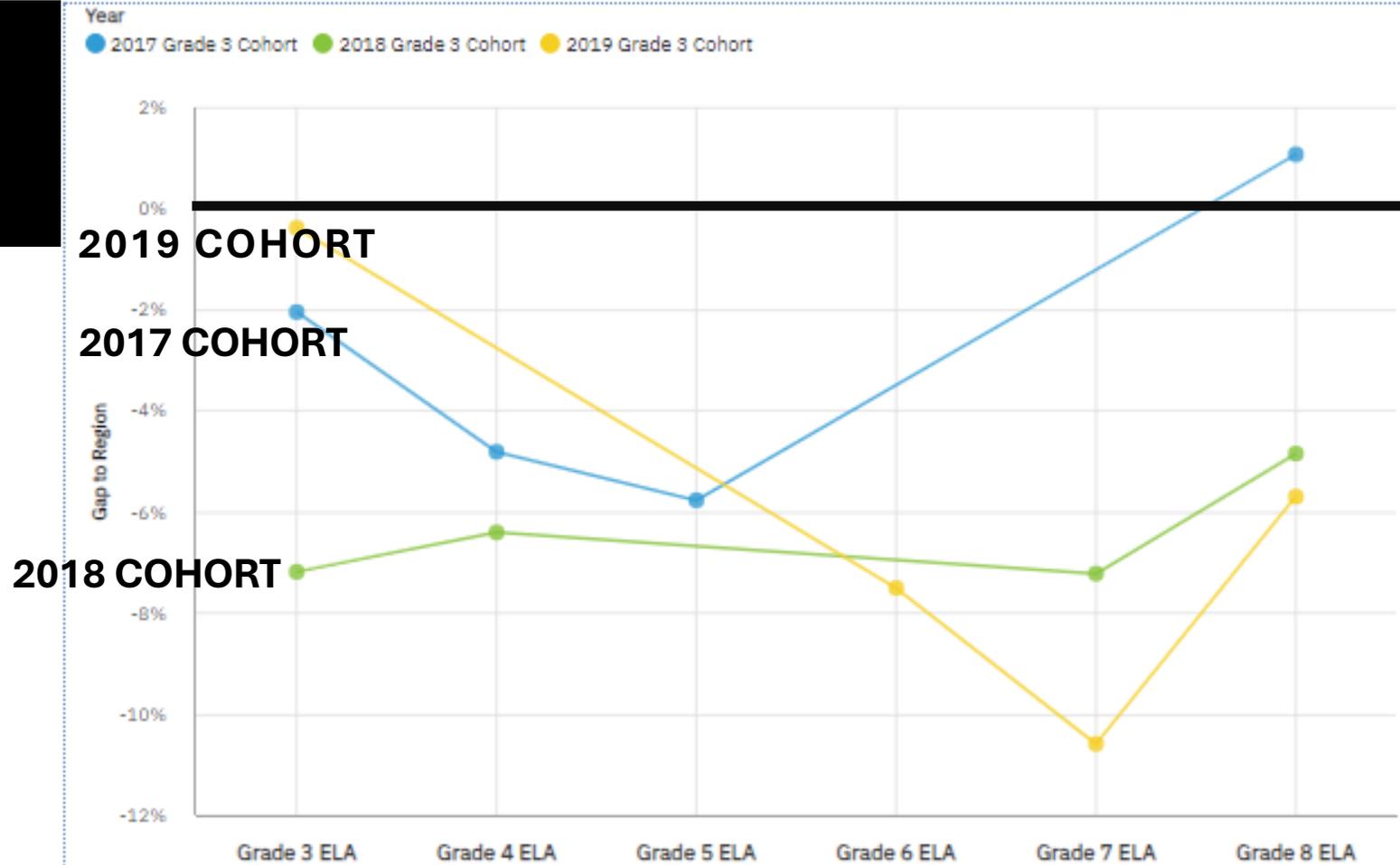
# 2019 COHORT



# REGIONAL GAP ANALYSIS

The regional gap represents the percent difference of proficiency between the selected district/building and the region.

Due to testing issues related to the COVID-19 pandemic, data for 2020 are not available for districts, buildings, or the region. Regional data are not available for 2021. Please use caution when comparing data across cohorts, as some grades/years may be missing.



	Grade 3 ELA		Grade 4 ELA		Grade 5 ELA		Grade 6 ELA		Grade 7 ELA		Grade 8 ELA	
	Gap to Region	Test Year										
2017 Grade 3 Cohort	-2%	2017	-5%	2018	-6%	2019					1%	2022
2018 Grade 3 Cohort	-7%	2018	-6%	2019					-7%	2022	-5%	2023
2019 Grade 3 Cohort	0%	2019					-8%	2022	-11%	2023	-6%	2024

# DATA TABLES

Due to testing issues related to the COVID-19 pandemic, data for 2020 are not available for districts, buildings, or the region. Regional data are not available for 2021. Please use caution when comparing data across cohorts, as some grades/years may be missing.

		Level 1		Level 2		Level 3		Level 4		Total Students	L3+L4%	Region Success Rate
		#	%	#	%	#	%	#	%			
2017 Grade 3 Cohort	2017 Grade 3 ELA	31	16%	55	28%	91	47%	16	8%	193	55%	57%
	2018 Grade 4 ELA	18	10%	61	34%	80	45%	19	11%	178	56%	60%
	2019 Grade 5 ELA	57	25%	66	29%	70	31%	31	14%	224	45%	51%
	2021 Grade 7 ELA	25	20%	28	22%	49	39%	24	19%	126	58%	
	2022 Grade 8 ELA	13	9%	42	30%	47	34%	36	26%	138	60%	59%

		Level 1		Level 2		Level 3		Level 4		Total Students	L3+L4%	Region Success Rate
		#	%	#	%	#	%	#	%			
2018 Grade 3 Cohort	2018 Grade 3 ELA	19	10%	61	33%	98	54%	5	3%	183	56%	63%
	2019 Grade 4 ELA	28	12%	74	32%	93	41%	34	15%	229	55%	62%
	2021 Grade 6 ELA	22	14%	26	17%	37	24%	67	44%	152	68%	
	2022 Grade 7 ELA	33	17%	67	34%	62	31%	37	19%	199	50%	57%
	2023 Grade 8 ELA	29	12%	62	26%	89	38%	57	24%	237	62%	66%

		Level 1		Level 2		Level 3		Level 4		Total Students	L3+L4%	Region Success Rate
		#	%	#	%	#	%	#	%			
2019 Grade 3 Cohort	2019 Grade 3 ELA	14	6%	67	29%	143	61%	10	4%	234	65%	66%
	2021 Grade 5 ELA	22	13%	34	21%	41	25%	66	40%	163	66%	
	2022 Grade 6 ELA	29	14%	45	22%	47	23%	80	40%	201	63%	71%
	2023 Grade 7 ELA	46	21%	64	29%	61	28%	48	22%	219	50%	60%
	2024 Grade 8 ELA	57	23%	54	22%	82	33%	52	21%	245	55%	60%

# NYSESLAT SNAPSHOT



Selected School District:

## Purpose:

This report compares aggregated NYSESLAT scores across all grades for a specific district or building. The first tab of this report shows both total numbers and percentages for the selected district or building. The second tab compares percentages for the selected district or building to the Nassau County region.

## Report Options:

**Select School Year** from the dropdown list (required). Select District or Building from the dropdown (required). Note that this option appears only for district-level users. Building-level users will only see data for their building.

**Select District or Building** from the dropdown (required). Note that this option appears only for district-level users. Building-level users will only see data for their building.

Click the **Disclaimer box** and then the **Finish** button at the bottom of the screen to accept the options and run the report.

Select a School Year

Select District or Building



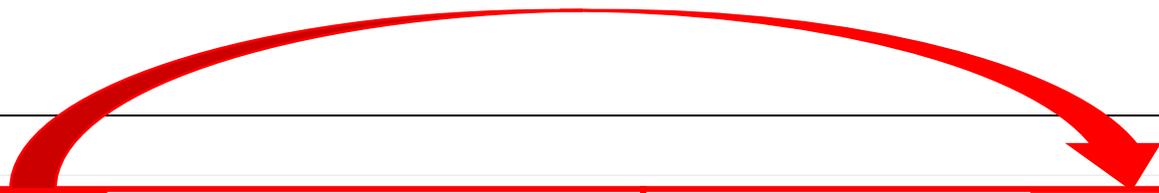
BY CHECKING THE BOX TO THE LEFT I ACKNOWLEDGE THE FOLLOWING: Certain informational data available through the Instructional Data Warehouse has been created by Nassau BOCES, including but not limited to available data sets and reports, and, therefore, contains proprietary information of the Nassau BOCES. Such informational data is for internal school district and the Nassau BOCES purposes only, and users are prohibited from disseminating and/or distributing such informational data to anyone other than school district personnel without the prior approval of the Nassau BOCES.

Cancel

Finish

**Local NYSESLAT Snapshot**

NYSESLAT Comparison to Region



Assessment	Local Entering #	Local Emerging #	Local Transitioning #	Local Expanding #	Local Commanding #	Total	Local Entering %	Local Emerging %	Local Transitioning %	Local Expanding %	Local Commanding %
NYSESLAT: K Total Score	15	24	31	76	8	154	10%	16%	20%	49%	5%
NYSESLAT: 1 Total Score	16	56	51	32	3	158	10%	35%	32%	20%	2%
NYSESLAT: 2 Total Score	9	17	31	66	19	142	6%	12%	22%	46%	13%
NYSESLAT: 3 Total Score	4	20	46	63	15	148	3%	14%	31%	43%	10%
NYSESLAT: 4 Total Score	2	4	17	58	18	99	2%	4%	17%	59%	18%
NYSESLAT: 5 Total Score	5	20	25	41	19	110	5%	18%	23%	37%	17%
NYSESLAT: 6 Total Score	5	12	24	34	23	98	5%	12%	24%	35%	23%
NYSESLAT: 7 Total Score	7	13	12	40	9	81	9%	16%	15%	49%	11%
NYSESLAT: 8 Total Score	7	19	14	33	13	86	8%	22%	16%	38%	15%
NYSESLAT: 9 Total Score	49	57	32	35	10	183	27%	31%	17%	19%	5%
NYSESLAT: 10 Total Score	4	28	34	38	10	114	4%	25%	30%	33%	9%
NYSESLAT: 11 Total Score	1	3	7	28	13	52	2%	6%	13%	54%	25%
NYSESLAT: 12 Total Score	0	8	21	21	3	53	0%	15%	40%	40%	6%
	<b>124</b>	<b>281</b>	<b>345</b>	<b>565</b>	<b>163</b>	<b>1,478</b>	<b>8%</b>	<b>19%</b>	<b>23%</b>	<b>38%</b>	<b>11%</b>

NYSESLAT Snapshot

2022/2023

[Run This Report With Different Options](#)

[Close](#)

Assessment	Local Entering %	Region Entering %	Local Emerging %	Region Emerging %	Local Transitioning %	Region Transitioning %	Local Expanding %	Region Expanding %	Local Commanding %	Region Commanding %
NYSESLAT: K Total Score	10%	8%	16%	19%	20%	15%	49%	42%	5%	16%
NYSESLAT: 1 Total Score	10%	5%	35%	22%	32%	34%	20%	29%	2%	10%
NYSESLAT: 2 Total Score	6%	6%	12%	15%	22%	22%	46%	35%	13%	22%
NYSESLAT: 3 Total Score	3%	4%	14%	12%	31%	27%	43%	41%	10%	16%
NYSESLAT: 4 Total Score	2%	5%	4%	11%	17%	19%	59%	46%	18%	19%
NYSESLAT: 5 Total Score	5%	5%	18%	11%	23%	18%	37%	43%	17%	23%
NYSESLAT: 6 Total Score	5%	7%	12%	10%	24%	19%	35%	41%	23%	24%
NYSESLAT: 7 Total Score	9%	9%	16%	13%	15%	17%	49%	48%	11%	13%
NYSESLAT: 8 Total Score	8%	8%	22%	14%	16%	16%	38%	47%	15%	15%
NYSESLAT: 9 Total Score	27%	15%	31%	22%	17%	22%	19%	34%	5%	7%
NYSESLAT: 10 Total Score	4%	6%	25%	22%	30%	24%	33%	36%	9%	12%
NYSESLAT: 11 Total Score	2%	6%	6%	16%	13%	19%	54%	42%	25%	17%
NYSESLAT: 12 Total Score	0%	5%	15%	12%	40%	30%	40%	43%	6%	10%

# THE NEXT GENERATION OF GAP/WASA REPORTS

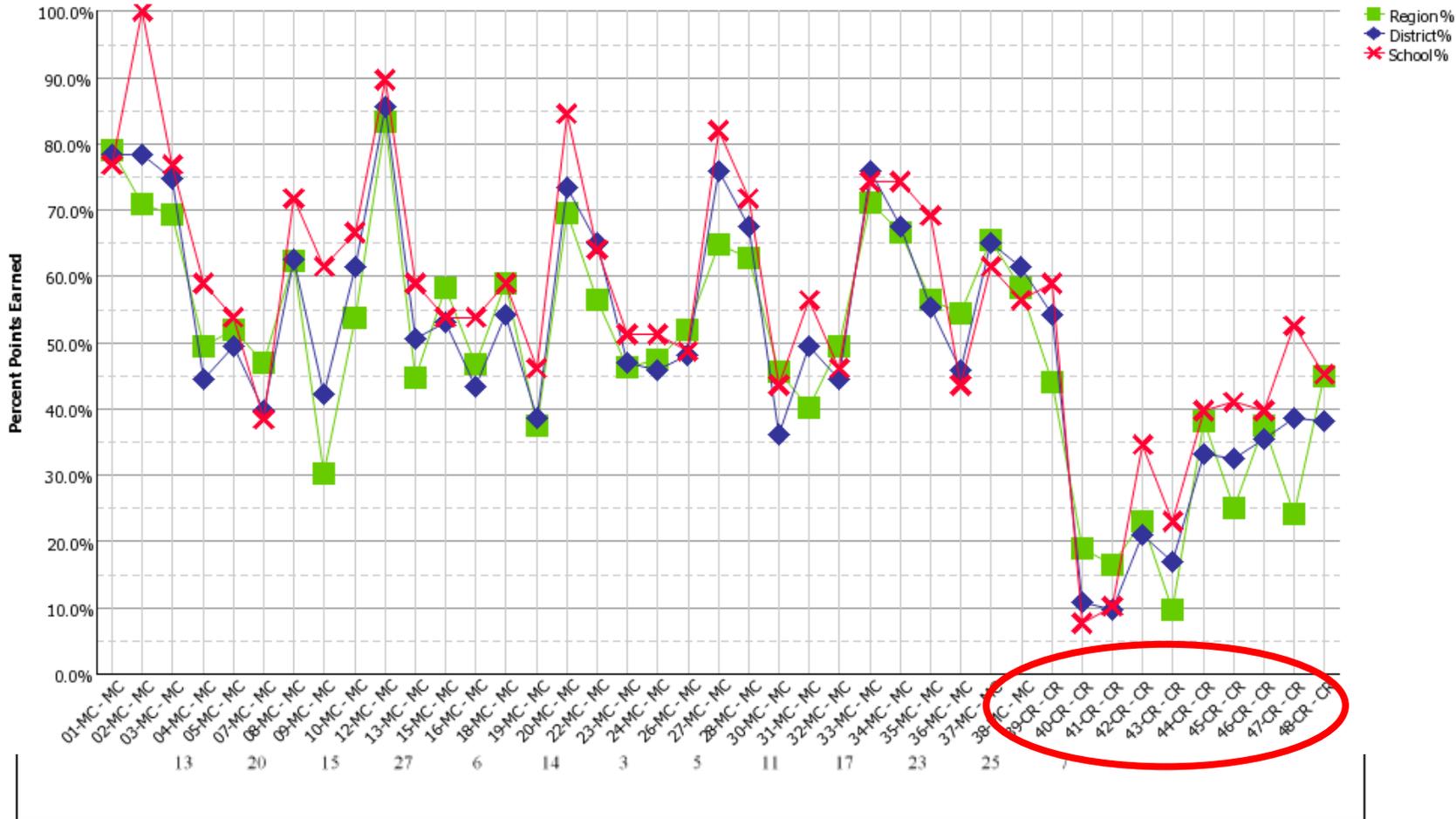


# FIRST ITERATION 2001 (ALMOST)

2023/2024 Grade 8 Math

Run This Report With Different Options

Close



Prototype was a simple Excel chart where the County benchmark consisted of 16 districts and the percent correct for the region was a hand calculated weighted average for each question.

Even the 2001-2002 Gap Reports did have table versions but no links to the actual test questions.

# THEN WE CREATED THE WRONG ANSWER PATTERN REPORT (WRAP)

It began as Pivot Table created from the Item Analysis download.

Count of Standard Achieved	26 MC A	2	3	4	(blank)	Grand Total
Standard Achieved						
Level 1	4	5	5	3	1	18
Level 2	10	20	17	15	8	70
Level 3	24	22	24	73	14	157
Level 4	3			28		31
(blank)						
Grand Total	41	47	46	119	23	276

# IDW WRAP REPORT

Response	Level 1		Level 2		Level 3		Level 4		Total	
	# of Students	% of Students								
1	5	25.0%	4	19.0%	15	45.5%	8	88.9%	32	38.6%
2	5	25.0%	2	9.5%	1	3.0%	0	0.0%	8	9.6%
3	3	15.0%	8	38.1%	9	27.3%	1	11.1%	21	25.3%
4	7	35.0%	7	33.3%	8	24.2%	0	0.0%	22	26.5%
	20	24.1%	21	25.3%	33	39.8%	9	10.8%	83	100.0%

# BUT THE WASA IS BETTER

Sort Report By: Question Number (Q#) v

Q#	Skill Tested	Region %	Correct Resp	Resp 1		Resp 2		Resp 3		Resp 4	
				#	%	#	%	#	%	#	%
<a href="#">18-MC</a>	: Use the equation of a linear model to solve problems in the context of bivariate measurement data, interpreting the slope and intercept. e.g., In a linear model for a biology experiment, interpret a slope of 1.5 cm/hr as meaning that an additional hour	58.9%	2	<a href="#">16</a>	19%	<a href="#">45</a>	54%	<a href="#">11</a>	13%	<a href="#">11</a>	13%
<a href="#">19-MC</a>	: Know that a two-dimensional figure is congruent to another if the corresponding angles are congruent and the corresponding sides are congruent. Equivalently, two two dimensional figures are congruent if one is the image of the other after a sequence of	<a href="#">37.6%</a>	1	<a href="#">32</a>	<a href="#">39%</a>	<a href="#">8</a>	10%	<a href="#">21</a>	<a href="#">25%</a>	<a href="#">22</a>	<a href="#">27%</a>
<a href="#">20-MC</a>	: Interpret the equation $y = mx + b$ as defining a linear function, whose graph is a straight line. Recognize examples of functions that are linear and non-linear	60.6%	1	<a href="#">61</a>	73%	<a href="#">13</a>	14%	<a href="#">3</a>	4%	<a href="#">7</a>	8%

# THE WASA VISUAL IS THE MASTERPIECE THAT DOES IT ALL.

Sort Chart By:  
Question Number

N/A		
<a href="#">Link to Booklet</a>	<a href="#">Item Maps</a>	Total Students / Drill Through to WASA
<a href="#">2023/2024 Grade 8 Math</a>	<a href="#">WASA Item Map</a>	83

[Run This Report With Different Options](#) [Close](#)

30 Which list of numbers could represent the side lengths of a right triangle?  
 A 5, 10, 13  
 B 5, 12, 17  
 C 10, 24, 26  
 D 10, 24, 68

Pythagorean Theorem



Wrong answer patterns

Question Difficulty Easiest

Hardest

Biggest Gaps

# THE NEXT GENERATION OF GRAD RATE REPORTS







# THE NEXT GENERATION—GRAD RATE LONGITUDINAL I-REPORT

Graduation % **Adv. Regents %** Drop Out Still Enrolled Tabular Data

NYS Grad Rate and Outcomes Longitudinal iReport / Graduation %

**Nassau County %** **New York State %**

Multiple year comparisons for each district

But wait, there's more: you can still disaggregate by subgroup and



# THE NEXT GENERATION—GRAD RATE LONGITUDINAL I-REPORT

	Data Reporting Year		Grad Cnt	Grad %	Adv. Regents Cnt	Adv. Regents %	Nassau Adv. Regents Cnt	Nassau Adv. Regents %	State Adv. Regents Cnt	State Adv. Regents %
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	324	97%	305	91%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	123	98%	112	90%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	265	97%	241	88%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	314	98%	281	87%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	286	98%	250	86%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	218	96%	196	86%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	237	97%	210	86%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	198	99%	168	84%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	554	99%	471	84%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	168	97%	143	82%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	402	99%	333	82%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	888	97%	726	79%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	589	95%	479	78%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	198	94%	163	78%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	213	97%	172	78%	10,555	65%	72,322	36%
DL DISTRICT	2023	2019 Total Cohort - 4 Year Outcome - August 2023	180	97%	144	77%	10,555	65%	72,322	36%



# Leveraging U.S. Census Data for School Districts

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Jeff Davis

Austin Quinn

# Census Bureau Website



<https://data.census.gov/>

The screenshot shows the top of the Census Bureau website. At the top left is the United States logo and the text "United States Census Bureau". To the right are navigation links for "Tables", "Maps", "Profiles", "Pages", and "Apps". Below the logo is the heading "Explore Census Data" and the subtext "Learn about America's People, Places, and Economy". A search bar contains the placeholder text "Find Tables, Maps, and more...". Below the search bar are links for "Help", "Feedback", and "Advanced Search". The "Advanced Search" link is highlighted with a red box and a red arrow points from a text box to it. At the bottom of the page, there is a prompt: "Try searching for [poverty](#) in [Georgia](#) in [2020](#)".

Best practice: select school districts first to return relevant tables.

Click the "Advanced Search" link to start.

# Filter for School Districts

An official website of the United States government [Here's how you know](#) ▾

**United States<sup>®</sup> Census Bureau**

Search     [Advanced Search](#)

All Tables Maps Profiles Pages Apps Help FAQ Fe

**0 Filters** [?](#)

**Geographies**

- Nation >
- State >
- County >
- County Subdivision >
- Place >
- ZIP Code Tabulation Area >
- Metropolitan/Micropolitan Statistical Area >
- Census Tract >
- Block >
- Block Group >
- All Geographies >**

**Topics**

- Business and Economy >

**Select Geographies**

- Principal City >
- Public Use Microdata Area >
- Region >
- School District (Elementary) >**
- School District (Secondary) >**
- School District (Unified) >**
- School District Administrative Area >
- State >
- State Legislative District (Lower Chamber) >
- State Legislative District (Upper Chamber) >
- Subminor Civil Division >
- Super Public Use Microdata Area >
- Tribal Block Group >

1. Click "All Geographies"

2. Scroll down to the three relevant School District categories.

# Filter for School Districts (continued)

The screenshot shows the United States Census Bureau website interface. At the top, there is a search bar and navigation links for 'All', 'Tables', 'Maps', 'Profiles', 'Pages', 'Apps', 'Help', 'FAQ', and 'Feedback'. On the left side, there is a '0 Filters' section with a search bar for filters and a list of 'Geographies' including Nation, State, County, County Subdivision, Place, ZIP Code Tabulation Area, Metropolitan/Micropolitan Statistical Area, Census Tract, Block, Block Group, and 'All Geographies' (which is highlighted). Below the geographies is a 'Topics' section with 'Business and Economy'. The main content area is titled 'Select State' and contains a search bar for states. A list of states is displayed, with 'New York' highlighted in a red box. A red arrow points from a text box to the 'New York' entry. The text box contains the instruction: '3. Scroll down and click "New York"'. The list of states includes Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Puerto Rico, and Rhode Island.

# Filter for School Districts (continued)

An official website of the United States government [Here's how you know](#)

United States<sup>®</sup>  
**Census**  
Bureau

Search  Advanced Search

All Tables Maps Profiles Pages Apps Help FAQ Feeds

**2 Filters** ?

- Bethpage Union Free School Di... x
- Plainview-Old Bethpage Central... x

Clear all filters

Search for a filter or table

**Geographies**

- Nation >
- State >
- County >
- County Subdivision >
- Place >
- ZIP Code Tabulation Area >
- Metropolitan/Micropolitan Statistical Area >
- Census Tract >
- Block >
- Block Group >

New York / **Select School District (Unified)**

Within other geographies

- Bethpage Union Free School District, New York
- Plainview-Old Bethpage Central School District, New York

4. Either scroll down the list to select one or more districts or use the search box to easily find specific districts.

5. Click the checkboxes next to the districts you want to include. They will appear in the filter area.

# Filter for Data Tables

1. Enter a search term related to the data you wish to explore

The screenshot shows the United States Census Bureau website interface. At the top, there is a search bar with the text "Search". Below the search bar, there are two tabs: "All" and "Tables". The "Tables" tab is highlighted with a red box. On the left side, there is a section titled "56 Filters" with a list of location-based filters, each with a location pin icon and a close button (x). Below this list are two buttons: "View All Filters" and "Clear all filters". A search input field contains the text "educational attainment" and has a search icon (magnifying glass) and a close button (x). Below the search input is a section titled "Geographies" with a list of location categories, each with a location pin icon and a right-pointing arrow (>). On the right side, there is a section titled "Filters" with a sub-section titled "Topics". Under "Topics", there is a checkbox labeled "Educational Attainment" which is checked and highlighted with a red box.

2. Click the checkbox of one or more returned topics

3. Click the "Tables" tab to reveal data tables containing data related to the search results

# Filter for Data Tables (continued)

United States<sup>®</sup>  
Census  
Bureau

Search

All **Tables** Maps Profiles Pages

56 Filters 60 Results

56 Filters

60 Results

4. Select a table from the results pane

60 Results

View: 10 | 25 | 50 Download Table Data

American Community Survey  
**S1501** | EDUCATIONAL ATTAINMENT...  
View All 25 Products

American Community Survey  
**S1502** | FIELD OF BACHELOR'S D...  
View All 15 Products

American Community Survey  
**B06009** | PLACE OF BIRTH BY E...  
View All 25 Products

American Community Survey  
**B07009** | GEOGRAPHICAL MOBI...  
View All 20 Products

American Community Survey  
**B13014** | WOMEN 15 TO 50 YEAR...  
View All 25 Products

American Community Survey  
**B15001** | SEX BY AGE BY EDUCA...  
View All 25 Products

Geographies

- Nation >
- State >
- County >
- County Subdivision >
- Place >
- ZIP Code Tabulation Area >
- Metropolitan/Micropolitan Statistical Area >
- Census Tract >
- Block >
- Block Group >

5. Change the table source/year

2018: ACS 5-Year Estimates Subject Tables

Notes Geos Topics Codes Dataset Year More Tools

123

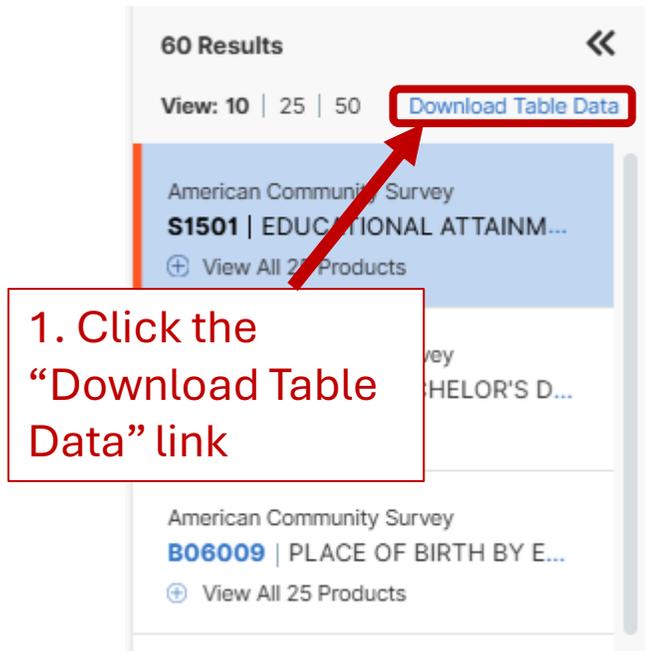
6. Notes tab displays information and definitions related to the data table

Notes

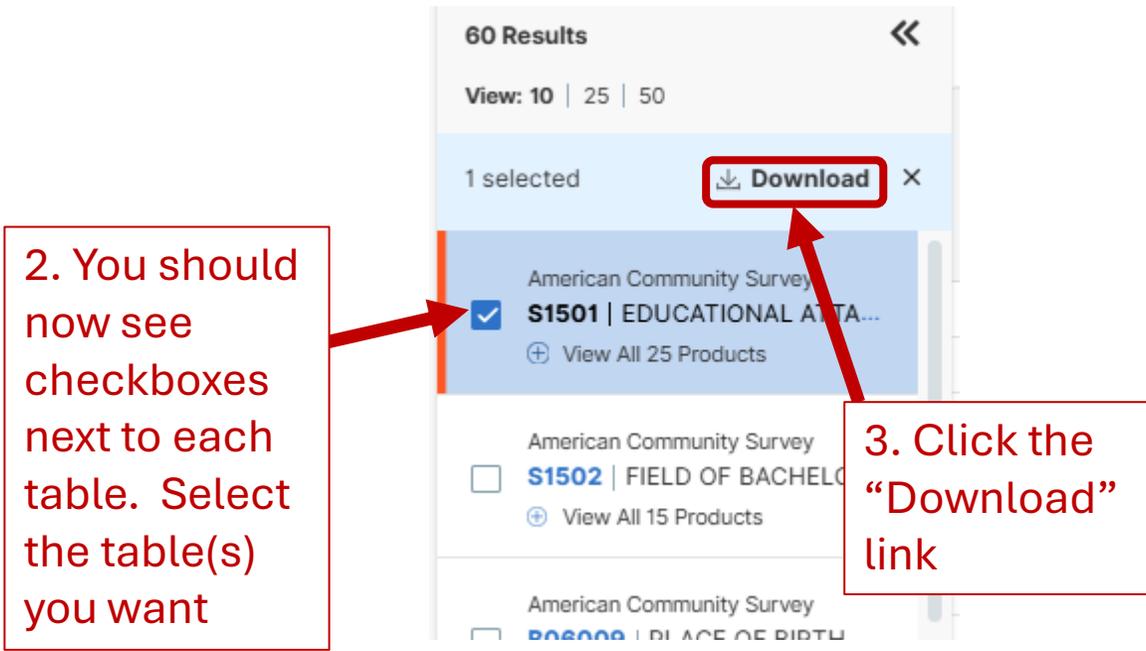
AGE BY EDUCATIONAL ATTAINMENT

Label	Total	Estimate	Margin of Error	Estimate
Population 18 to 24 years	971			(X)
Less than high school graduate	99			10.2%
High school graduate (includes equivalency)	245			25.2%
Some college or associate's degree	393			40.5%
Bachelor's degree or higher	234			24.1%
Population 25 years and over	8,568		±465	(X)
Less than 9th grade	89		±53	1.0%
9th to 12th grade, no diploma	258		±134	3.0%
High school graduate (includes equivalency)	1,515		±260	17.7%
Some college, no degree	1,257		±211	14.7%
Associate's degree	635		±159	7.4%
Bachelor's degree	2,678		±394	31.3%
Graduate or professional degree	2,136		±254	24.9%
High school graduate or higher	8,221		±401	96.0%
Bachelor's degree or higher	4,814		±399	56.2%

# Download Table Data



1. Click the "Download Table Data" link



2. You should now see checkboxes next to each table. Select the table(s) you want

3. Click the "Download" link

# Download Table Data (continued)

An official website of the United States government [Here's how you know](#)

United States<sup>®</sup>  
**Census**  
Bureau

Search  Advanced Search

All **Tables** Maps Profiles Pages Apps Help FAQ Feedback

19 Filters  Bellmore Union Free School Dis... x

60 Results View: 10 | 25 | 50

S1501 | Educational Attainment  
American Community Survey +1 More Tools

### Select Table Vintages to Download

S1501	All	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
ACS 1-Year Estimates Subject Tables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ACS 5-Year Estimates Subject Tables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>											

Compressed Size Estimate: 32.4 kB

DOWNLOAD .ZIP

4. Select the table(s) and year(s)

5. Click the "Download .ZIP" button

# Download Table Data (continued)

The screenshot shows the data.census.gov interface. On the left, there are 19 filters and 60 results. The main content area shows a list of products for the 'S1501 | EDUCATIONAL ATTA...' table. A 'Download' button is visible. On the right, there is a detailed view of the table data, including a 'Label' section and a list of educational attainment levels. A 'Downloads' pop-up is visible in the top right corner, showing a zip file named 'ACSST1Y2022.S1501\_2024-09-12T100604.zip'. A 'Download Progress' window is visible in the bottom right corner, showing a progress bar at 100% and the text 'Triggering Download...'.

7. Zip file will appear in "Downloads" pop-up in upper right

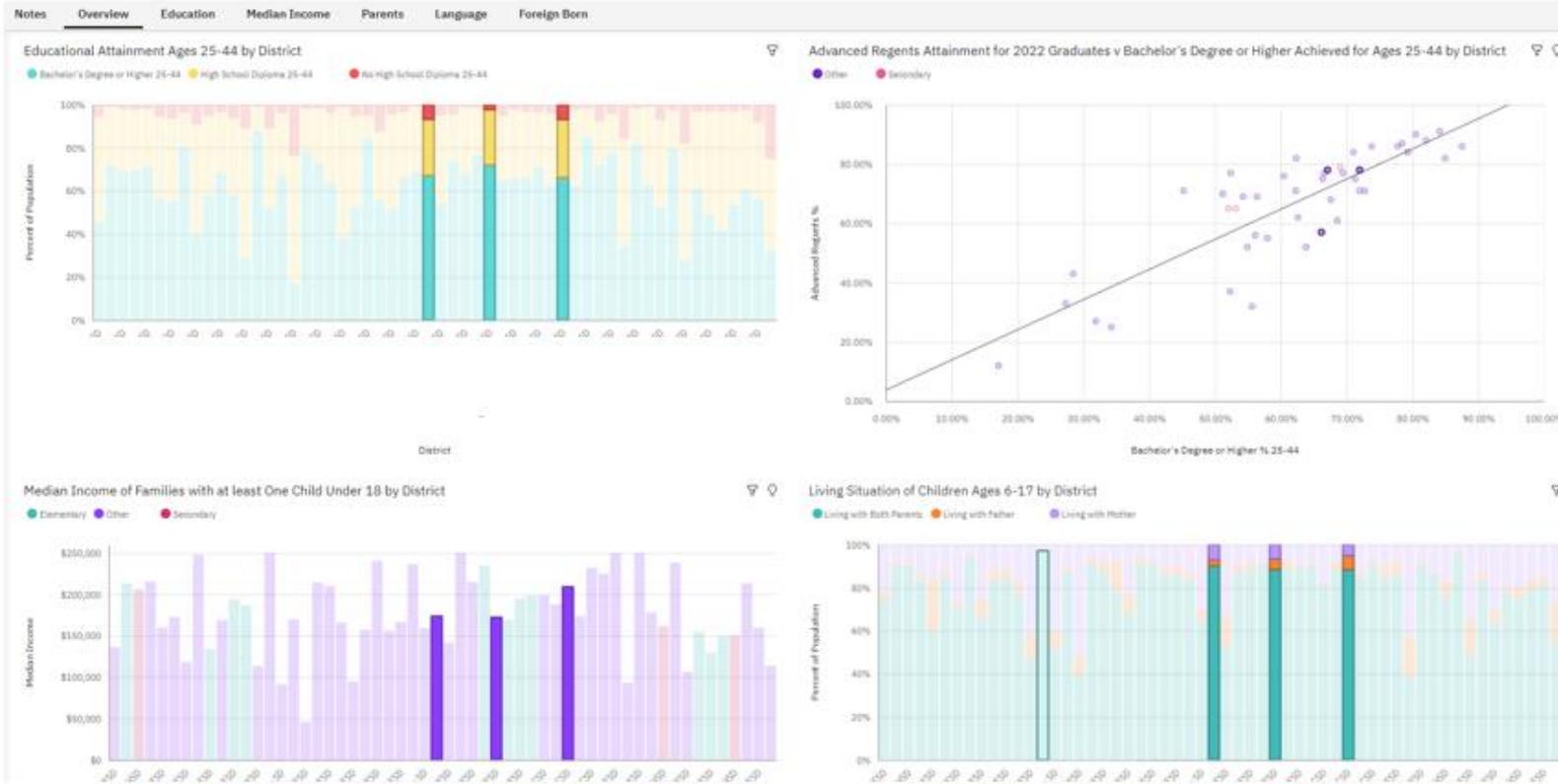
6. Download Progress shown in bottom right

# Dashboard Data Limitation and Links



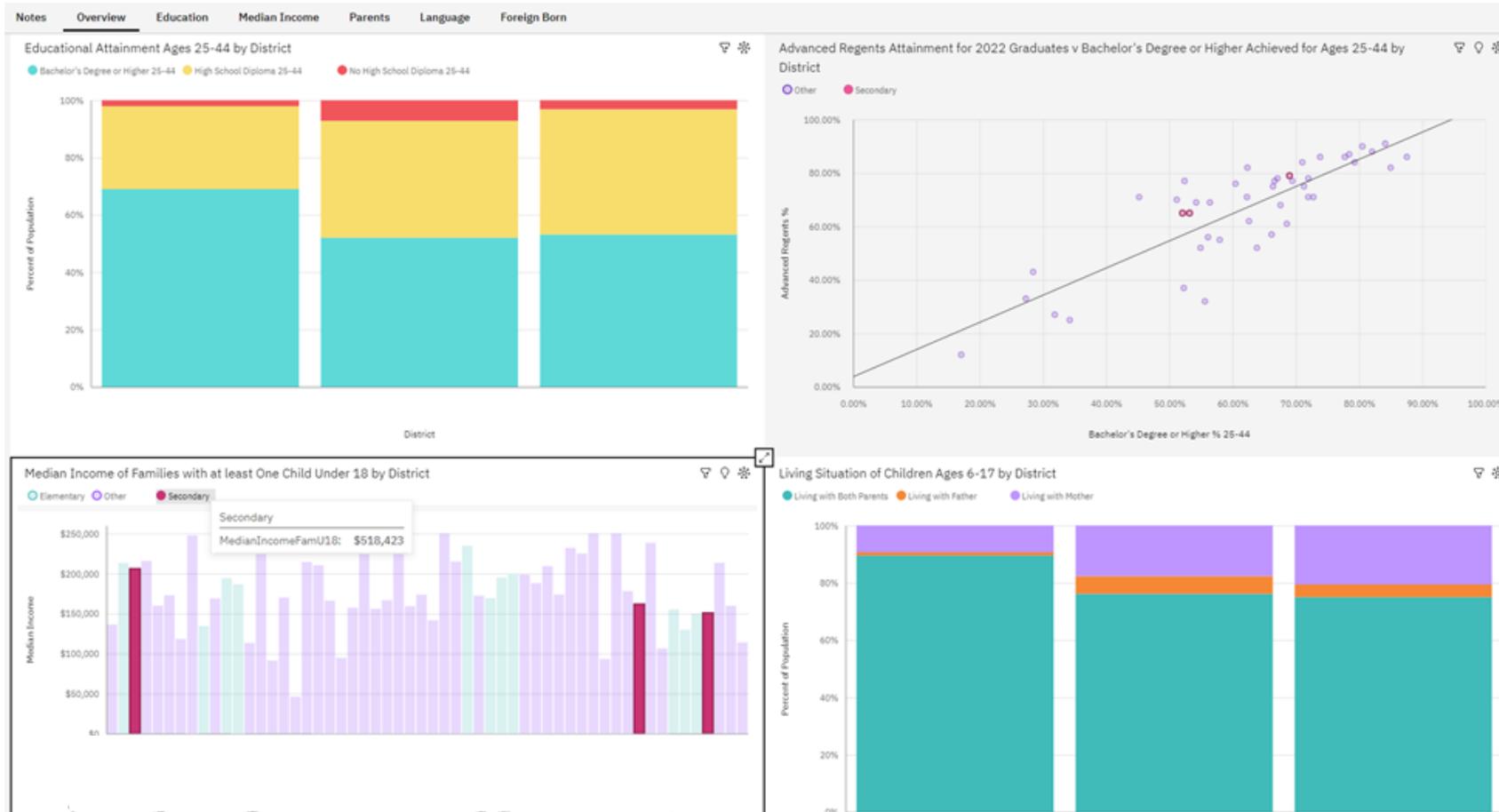
- Note that the maximum possible value for median income in the ACS is \$250,000
- Own children of the householder living with two parents are by definition found only in married-couple families. (Note: When used in “EMPLOYMENT STATUS” tabulations, own child refers to a never married child under the age of 18 in a family or a subfamily who is a son or daughter, by birth, marriage, or adoption, of a member of the householder’s family, but not necessarily of the householder.)
- The 25-44 age group is used to represent likely parents within a district; the 25+ age group is used in some tables because there is more data available
- The 6-17 age group is used in some tables where available to represent school age children
- Those in the labor force may or may not be employed at the time of the survey, but they are all willing and able to work. The “Only Father/Mother in Labor Force” categories represent children who live with both parents, but only one is in the labor force. The “Single Father/Mother in Labor Force” categories represent children who live with one parent who is in the labor force. The “No Parent in Labor Force” category represents children who do not have a parent in the labor force whether it is their only parent or neither if they live with both.
- Some data is suppressed because of the sample size to protect sensitive information. More info on that can be found here: [https://www2.census.gov/programs-surveys/acs/tech\\_docs/data\\_suppression/ACSO\\_Data\\_Suppression.pdf](https://www2.census.gov/programs-surveys/acs/tech_docs/data_suppression/ACSO_Data_Suppression.pdf)
- Information on what languages fall into the available categories can be found here: [https://www.census.gov/content/dam/Census/programs-surveys/acs/tech-doc/user-notes/2016\\_Language\\_User\\_Note.pdf](https://www.census.gov/content/dam/Census/programs-surveys/acs/tech-doc/user-notes/2016_Language_User_Note.pdf)
- Additional documentation can be found here: <https://www.census.gov/programs-surveys/acs/technical-documentation.html>
- The filter used to pull data for this dashboard containing all 56 districts along with Nassau County and New York State can be found here: [NassauCounty DistrictFilter](#)

# Dashboard Overview



- Selecting a district (or more than one by holding CTRL when clicking on additional ones) will highlight it across all related charts
- All charts on this tab are related because they are broken out by district and come from the same source

# Dashboard Overview



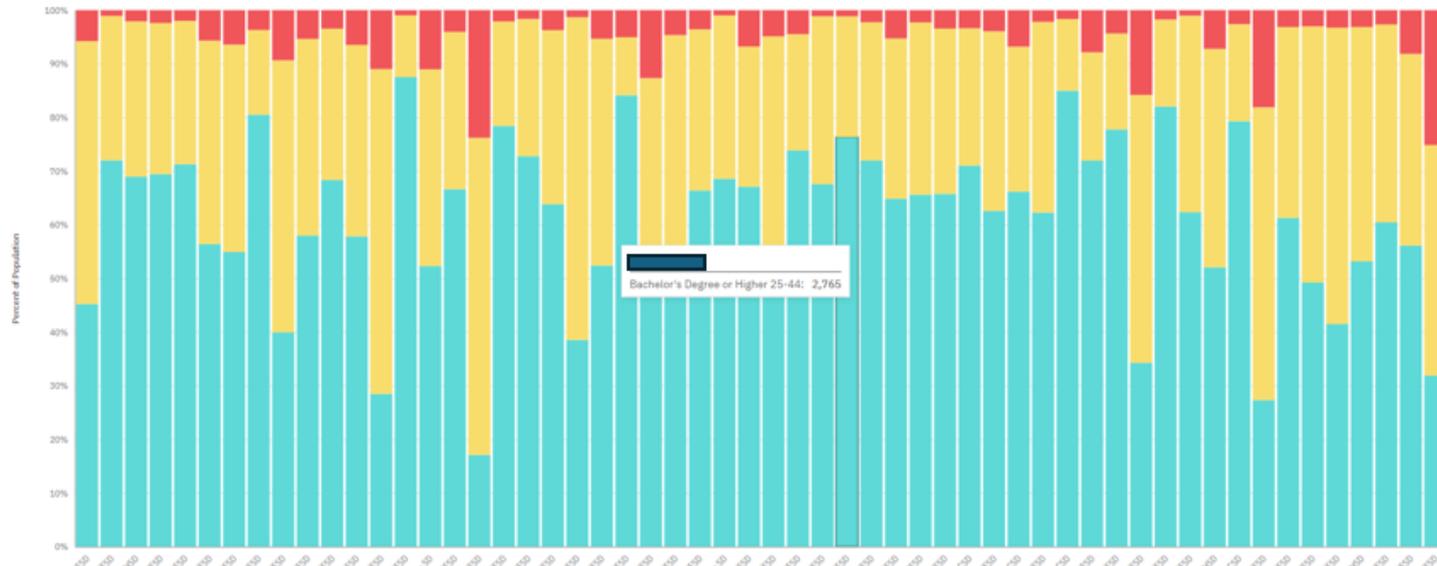
- Here we have clicked the “Secondary” category in the legend of the bottom left chart. This has highlighted secondary districts within all charts that contain this filter and filtered the other charts to only show secondary districts

# Dashboard Overview



Educational Attainment Ages 25-44 by District

● Bachelor's Degree or Higher 25-44 ● High School Diploma 25-44 ● No High School Diploma 25-44



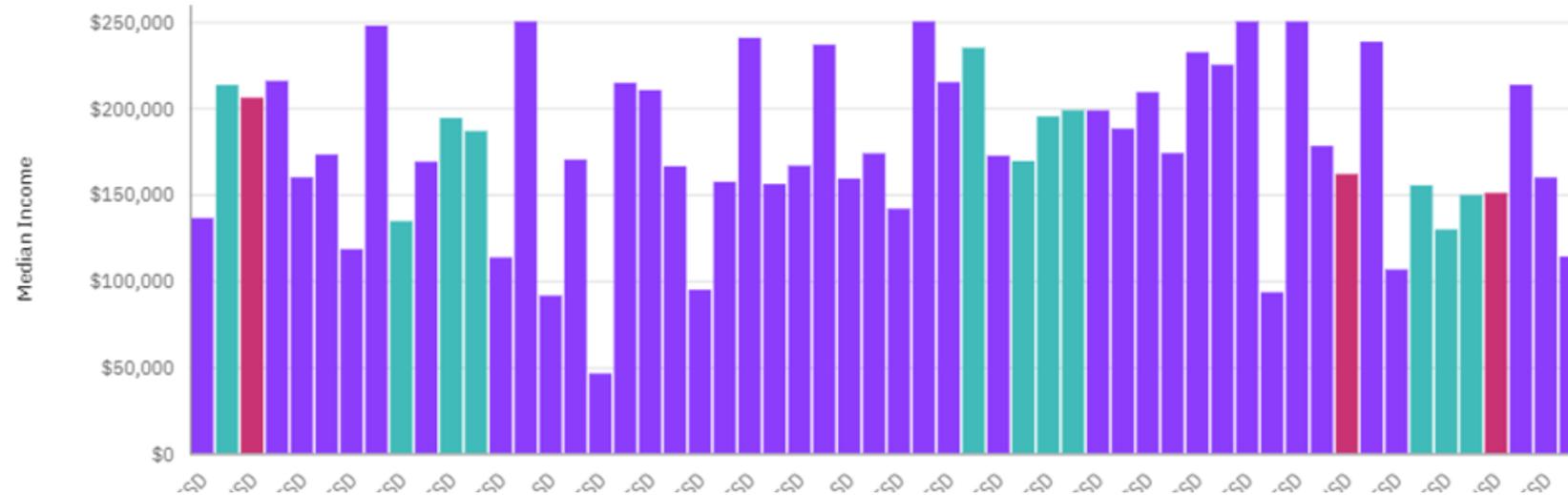
- The chart in the top left shows the percentage of people in a district that fall into three distinct educational attainment categories
- We have chosen 25-44 to represent likely parents of school age children. If you hover over any bar, you can see the number for that group, and on the left you can see what percent of the district they comprise

# Dashboard Overview

Median Income of Families with at least One Child Under 18 by District

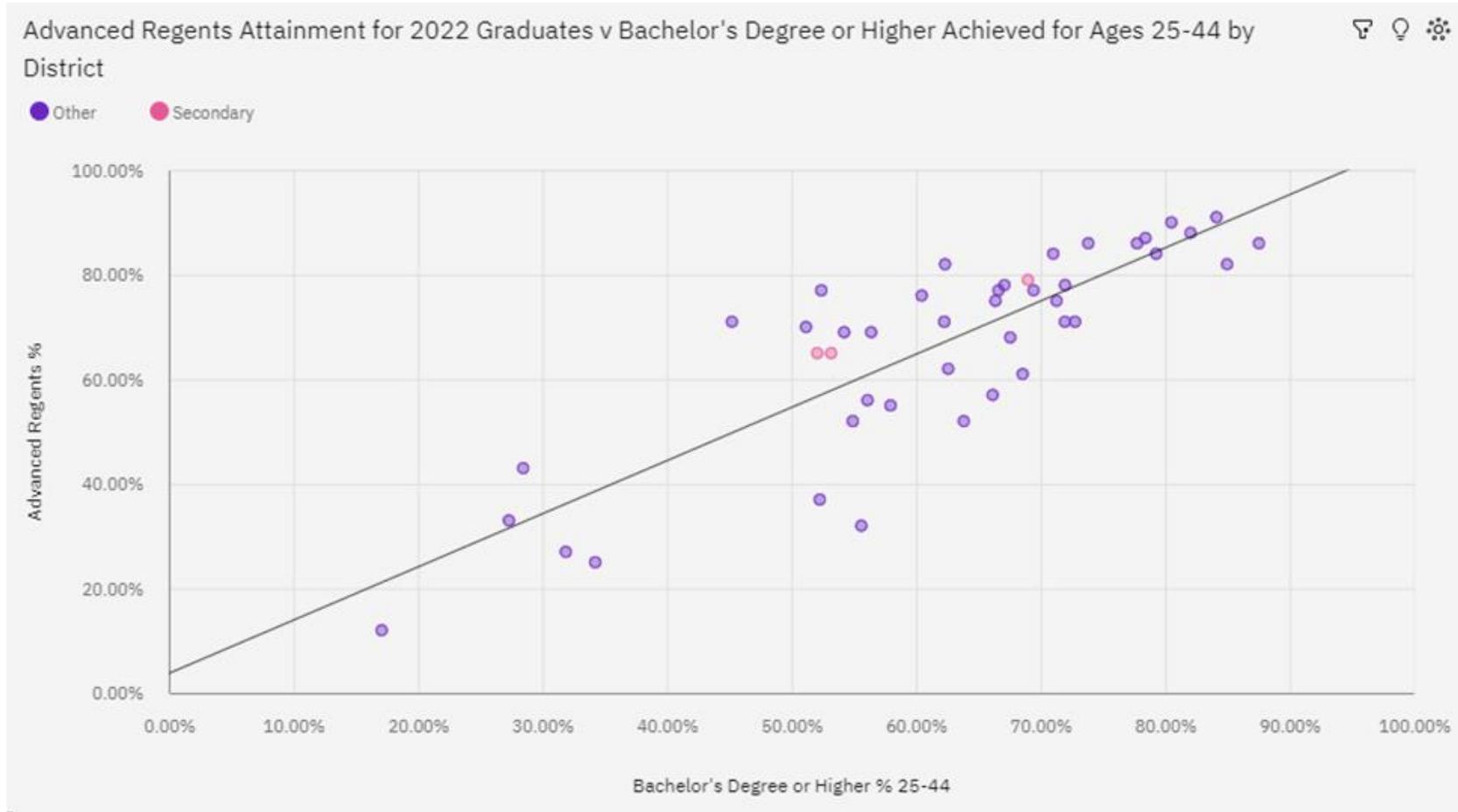


● Elementary ● Other ● Secondary



- This chart shows the median income by district and is color coded to show which districts are Elementary only, Secondary only, or Other/Unified

# Dashboard Overview



- This chart shows the correlation between the percentage of students who achieved an Advanced Regents diploma in 2022 and the percentage of people ages 25-44 with a Bachelor's Degree or higher by district

# Dashboard Overview



Living Situation of Children Ages 6-17 by District

● Living with Both Parents ● Living with Father ● Living with Mother

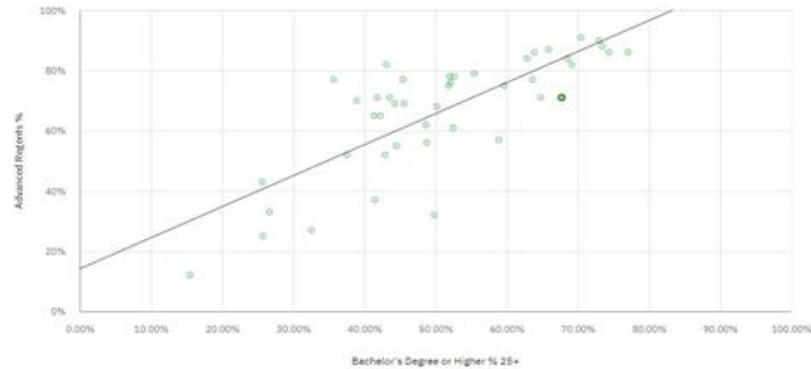


- This chart shows how many school age children live with one or both parents. This data may be affected by the “Own Child” classification of the ACS reference on the data limitations slide

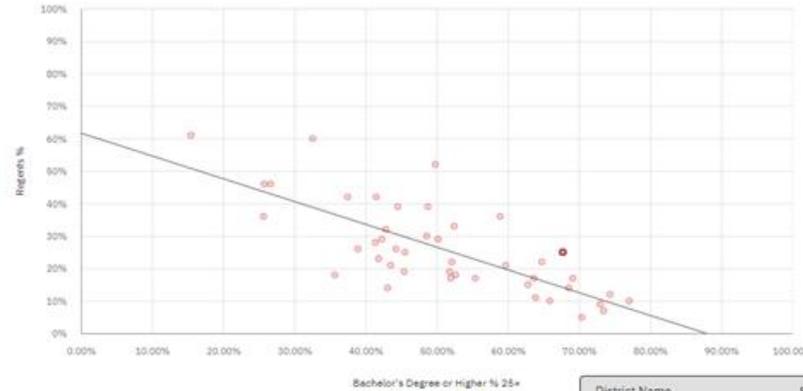
# Dashboard - Education



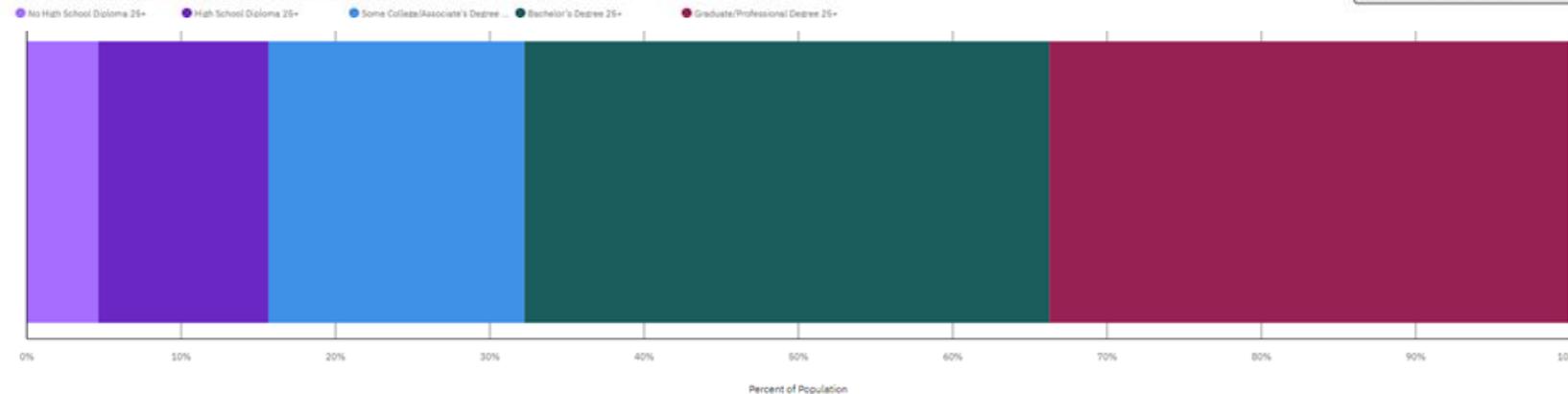
Advanced Regents Diploma Rate for 2022 Graduates v Bachelor's Degree or Higher Achieved for Ages 25+ by District



Regents Diploma Rate for 2022 Graduates v Bachelor's Degree or Higher Achieved for Ages 25+ by District

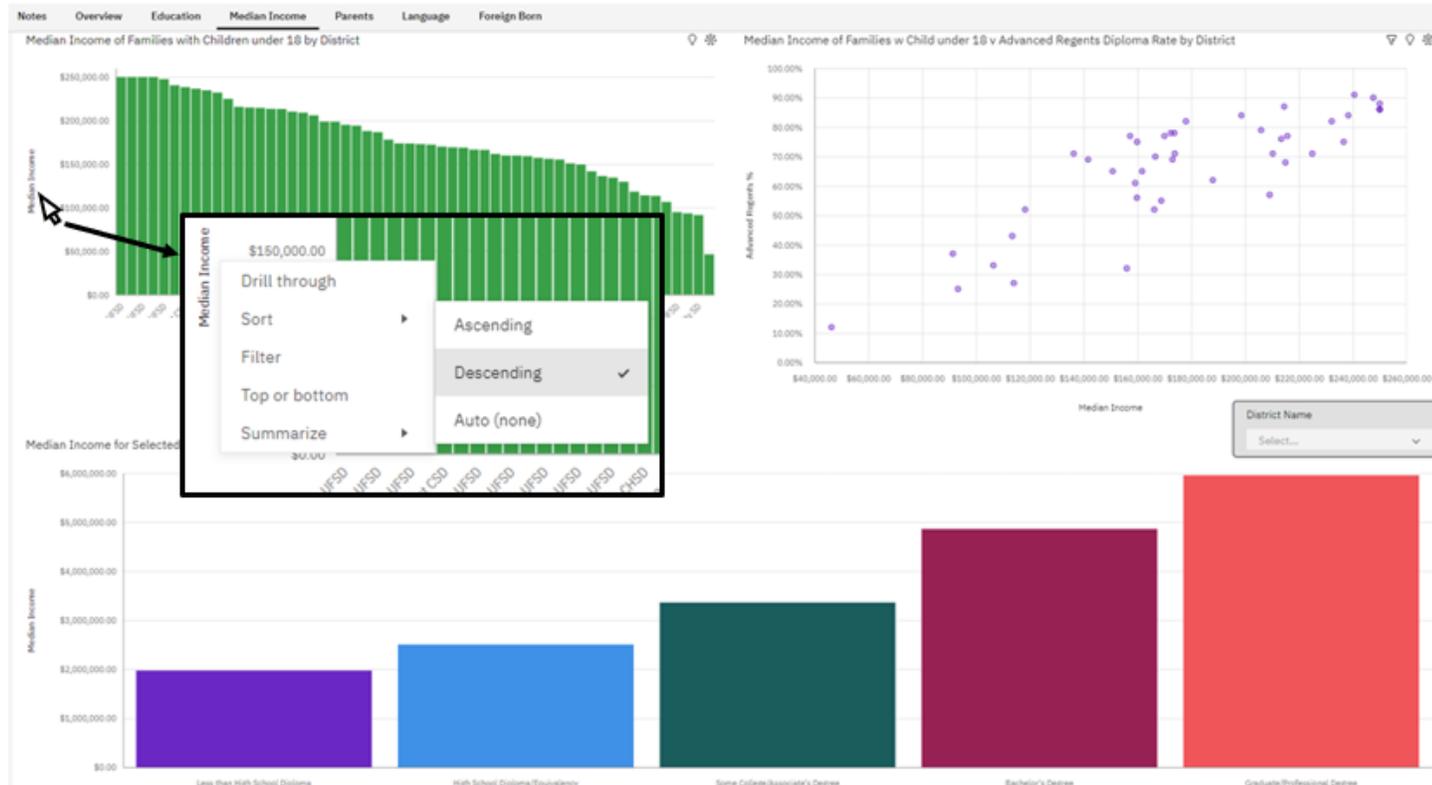


Educational Attainment Ages 25 years or older for Selected District



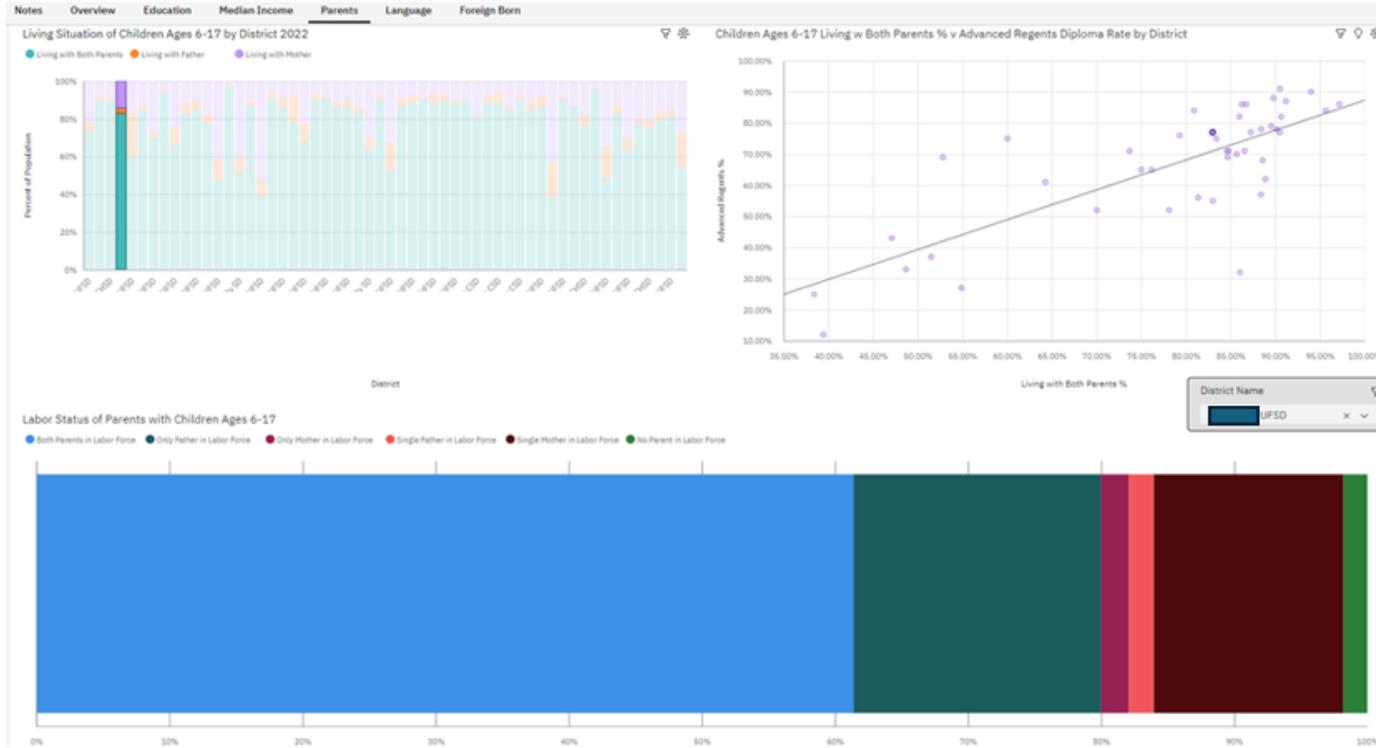
- The top two charts show the correlation between Regents/Advanced Regents Diploma attainment rate and Bachelor's Degree attainment rate for people 25 years and older
- The bottom chart shows a breakdown of the educational attainment of that population
- Selecting a district by clicking one of the dots or selecting one from the drop-down list will filter the bottom chart

# Dashboard – Median Income



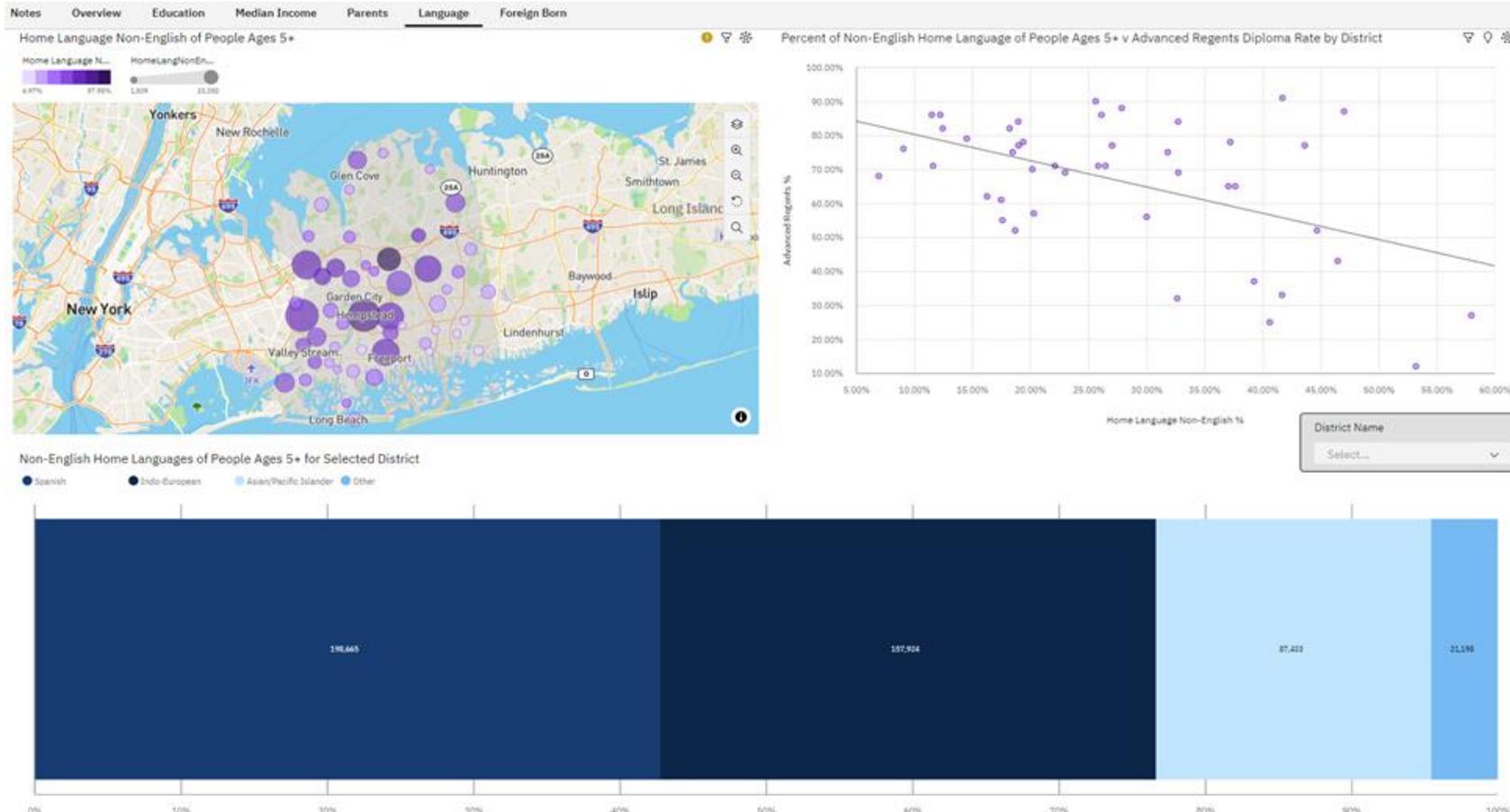
- The top left chart is sorted by median income in descending order by right-clicking on the axis label and selecting sort as shown
- In the top right chart, Advanced Regents Diploma attainment rate is plotted against median income
- Selecting a district in the drop-down list or by clicking a point or bar in the top charts will filter the bottom chart, which shows median income by educational attainment

# Dashboard - Parents



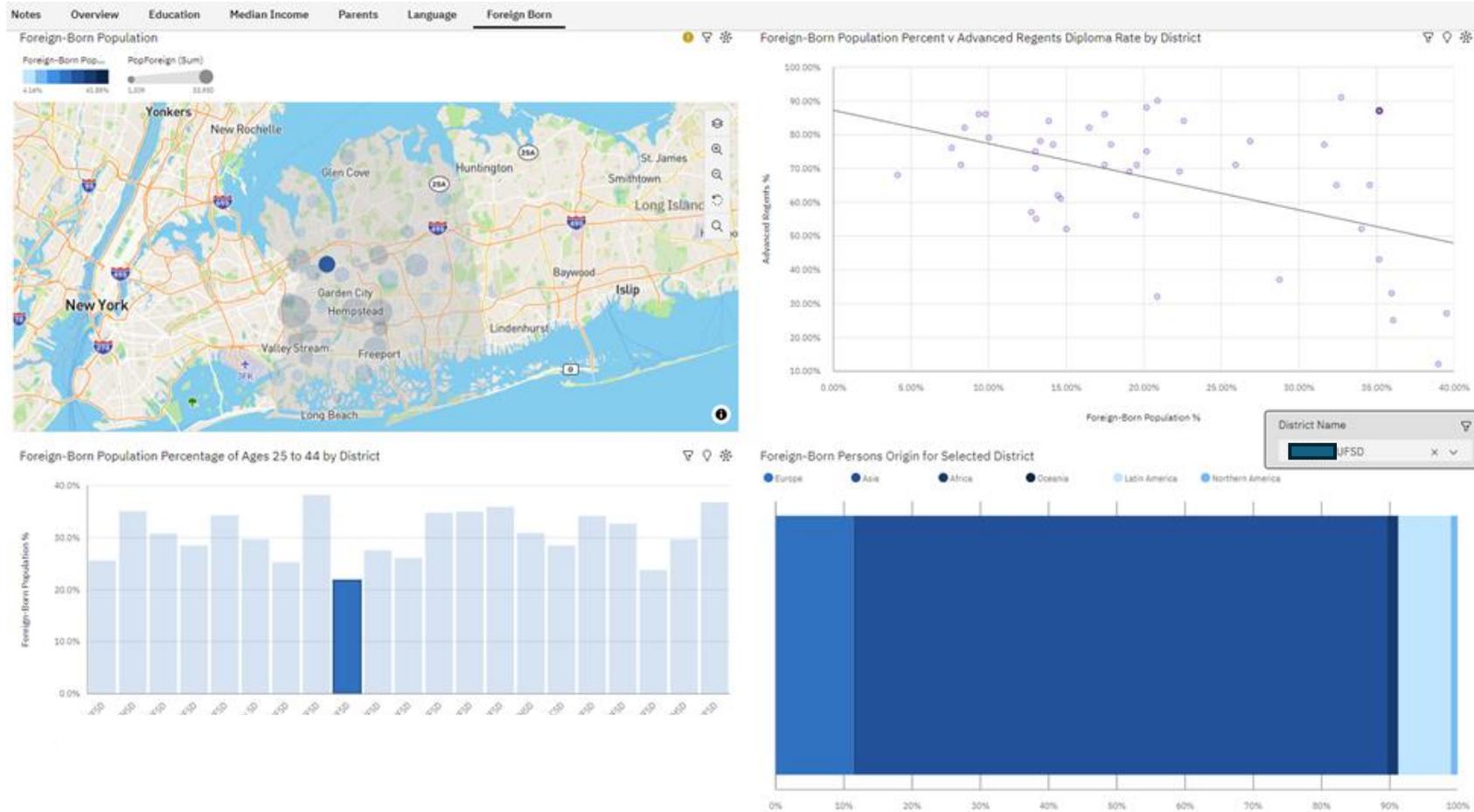
- In the top right chart, Advanced Regents Diploma attainment rate is plotted against the percentage of children living with both parents
- The bottom chart has been filtered for the selected district and shows a breakdown of how school age children are being supported based their parent(s) labor force participation

# Dashboard - Language



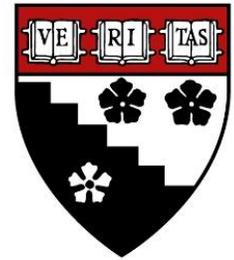
- In the map chart, dot size represents population of people that speak a non-English home language and dot color represents percentage of the population
- In the top right chart, Advanced Regents Diploma attainment rate is plotted against the percentage of people with a non-English home language
- The bottom chart shows a breakdown of the amount of people that speak a non-English home language

# Dashboard – Foreign-Born



- In the map chart, dot size represents the foreign-born population and dot color represents the percentage of population
- In the top right chart, Advanced Regents Diploma attainment rate is plotted against the percentage of foreign-born people
- The bottom two charts include the 21 districts with the highest number of foreign-born residents and show percentage of population and origin

n a s s a u  
**BOCES**



**Harvard**  
Graduate School  
of Education

# **DATA WISE IMPROVEMENT PROCESS AN OVERVIEW**

**Expands the use of data and analysis to improve instructional practices and student achievement**

**Incorporates protocols and meeting structures that will engage faculty in collaborative inquiry**

**Improve efficiency of school-based data teams to work smarter, not harder**

**Promotes evidence-based improvement cycles**

# LEADERSHIP ROLES

The principal is the leader of the building level Data Wise team

Teachers (2) - Required:

Recommended members may include:

- Teachers who value the use of data
- Aspiring administrators
- Natural teacher leaders in the school

Other Administrator - Optional

Assistant Principal

Chairperson

# NASSAU BOCES DATA WISE TRAININGS

Nassau BOCES offers Data Wise training in the form of a professional development course.

There are two full day summer sessions in August that are followed up by a series of five half-day sessions running through March.

Each Data Wise team will need to meet in between sessions in order to accomplish assigned tasks.

Each Data Wise team will be implementing what they have learned as they progress through the course.

Support will be provided by the Nassau BOCES Data Wise Team.

# NASSAU BOCES IDW TEAM

• <b>Stephanie Witt</b>	<b>switt1@nasboces.org</b>	<b>516 608-6623</b>
• <b>Tammy Mazza</b>	<b>tmazza@nasboces.org</b>	<b>516 608-6633</b>
• <b>Barbara Dwyer</b>	<b>bdwyer@nasboces.org</b>	<b>516 608-6695</b>
• <b>Fred Cohen</b>	<b>fcohen@nasboces.org</b>	<b>516 608-6640</b>
• <b>Dr. Wanda Toledo</b>	<b>wtoledo@nasboces.org</b>	<b>516 608-6648</b>

